

Appendix E

Conducted RF Output Power

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6.3 Conducted Power of LTE Uplink CA (Ant11)
7 Conducted Power of Inter-band Uplink CA
7.1 Conducted Power of LTE Inter-band Uplink CA (Ant13)
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7.3 Conducted Power of LTE Inter-band Uplink CA (Ant11)
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8.4 Conducted Power of NR SA Antenna (Ant21)
8.5 Conducted Power of NR SA Antenna (Ant23)
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9 Conducted Power of NR NSA Antenna
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10.3 Conducted Power of Bluetooth



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Note:

DSI	Trigger Conditions	Antenna No.
DSI2	Receiver on	All WWAN Ant
DSI3	Receiver on+WLAN	All WWAN Ant
DSI4	Receiver off Sensor off	All WWAN Ant
DSI5	Receiver off Sensor on	11#/12#/13#
	Receiver off Sensor off	21#/23#/31#
DSI8	Receiver off Sensor on+WLAN	11#/12#/13#
	Receiver off Sensor off+WLAN	21#/23#/31#
DSI9	Receiver off Sensor A on+B off+WLAN	13#
DSI10	Receiver off Sensor off+WLAN	21#/23#/31#
	Hotspot	All WWAN Ant



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Measurement of RF conducted Power

1 Conducted Power of Main Antenna (Ant13)

1.1 Conducted Power of GSM

GSM 850 DS14/5										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.61	32.60	32.65	34.00	-9.19	23.42	23.41	23.46	24.81
GPRS (GMSK)	1 TX Slot	32.53	32.46	32.51	34.00	-9.19	23.34	23.27	23.32	24.81
	2 TX Slots	30.58	30.52	30.59	32.00	-6.18	24.40	24.34	24.41	25.82
	3 TX Slots	28.53	28.44	28.49	30.00	-4.42	24.11	24.02	24.07	25.58
	4 TX Slots	27.12	27.03	27.10	28.20	-3.17	23.95	23.86	23.93	25.03
EGPRS (GMSK)	1 TX Slot	32.57	32.48	32.51	34.00	-9.19	23.38	23.29	23.32	24.81
	2 TX Slots	30.54	30.51	30.59	32.00	-6.18	24.36	24.33	24.41	25.82
	3 TX Slots	28.51	28.47	28.51	30.00	-4.42	24.09	24.05	24.09	25.58
	4 TX Slots	27.13	27.05	27.10	28.20	-3.17	23.96	23.88	23.93	25.03
EGPRS (8PSK)	1 TX Slot	26.02	25.98	25.99	27.80	-9.19	16.83	16.79	16.80	18.61
	2 TX Slots	24.49	24.46	24.47	26.00	-6.18	18.31	18.28	18.29	19.82
	3 TX Slots	22.50	22.49	22.50	24.00	-4.42	18.08	18.07	18.08	19.58
	4 TX Slots	21.09	21.03	21.06	22.20	-3.17	17.92	17.86	17.89	19.03

GSM 850 DS12										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	29.28	29.21	29.30	30.50	-9.19	20.09	20.02	20.11	21.31
GPRS (GMSK)	1 TX Slot	29.13	29.12	29.18	30.50	-9.19	19.94	19.93	19.99	21.31
	2 TX Slots	26.16	26.13	26.18	27.50	-6.18	19.98	19.95	20.00	21.32
	3 TX Slots	24.26	24.21	24.27	26.00	-4.42	19.84	19.79	19.85	21.58
	4 TX Slots	23.23	23.17	23.25	24.20	-3.17	20.06	20.00	20.08	21.03
EGPRS (GMSK)	1 TX Slot	29.13	29.04	29.12	30.50	-9.19	19.94	19.85	19.93	21.31
	2 TX Slots	26.10	26.08	26.15	27.50	-6.18	19.92	19.90	19.97	21.32
	3 TX Slots	24.53	24.46	24.54	26.00	-4.42	20.11	20.04	20.12	21.58
	4 TX Slots	23.07	23.04	23.11	24.20	-3.17	19.90	19.87	19.94	21.03
EGPRS (8PSK)	1 TX Slot	26.02	25.98	26.05	27.80	-9.19	16.83	16.79	16.86	18.61
	2 TX Slots	24.41	24.34	24.41	26.00	-6.18	18.23	18.16	18.23	19.82
	3 TX Slots	22.52	22.49	22.57	24.00	-4.42	18.10	18.07	18.15	19.58
	4 TX Slots	20.77	20.75	20.83	22.20	-3.17	17.60	17.58	17.66	19.03



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Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	28.29	28.21	28.29	30.00	-9.19	19.10	19.02	19.10	20.81
GPRS (GMSK)	1 TX Slot	28.20	28.19	28.27	30.00	-9.19	19.01	19.00	19.08	20.81
	2 TX Slots	25.04	25.03	25.11	26.50	-6.18	18.86	18.85	18.93	20.32
	3 TX Slots	23.77	23.69	23.76	25.50	-4.42	19.35	19.27	19.34	21.08
	4 TX Slots	22.10	22.04	22.13	23.20	-3.17	18.93	18.87	18.96	20.03
EGPRS (GMSK)	1 TX Slot	28.29	28.21	28.25	30.00	-9.19	19.10	19.02	19.06	20.81
	2 TX Slots	25.14	25.06	25.08	26.50	-6.18	18.96	18.88	18.90	20.32
	3 TX Slots	23.62	23.56	23.62	25.50	-4.42	19.20	19.14	19.20	21.08
	4 TX Slots	22.07	22.01	22.09	23.20	-3.17	18.90	18.84	18.92	20.03
EGPRS (8PSK)	1 TX Slot	25.95	25.92	25.99	27.80	-9.19	16.76	16.73	16.80	18.61
	2 TX Slots	24.37	24.35	24.42	26.00	-6.18	18.19	18.17	18.24	19.82
	3 TX Slots	22.40	22.32	22.40	24.00	-4.42	17.98	17.90	17.98	19.58
	4 TX Slots	20.85	20.78	20.84	22.20	-3.17	17.68	17.61	17.67	19.03

GSM 850 DS18/9/10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.43	32.46	32.44	34.00	-9.19	23.24	23.27	23.25	24.81
GPRS (GMSK)	1 TX Slot	32.42	32.45	32.44	34.00	-9.19	23.23	23.26	23.25	24.81
	2 TX Slots	29.52	29.56	29.53	31.00	-6.18	23.34	23.38	23.35	24.82
	3 TX Slots	28.03	28.09	28.01	29.50	-4.42	23.61	23.67	23.59	25.08
	4 TX Slots	26.27	26.34	26.33	27.70	-3.17	23.10	23.17	23.16	24.53
EGPRS (GMSK)	1 TX Slot	32.36	32.41	32.33	34.00	-9.19	23.17	23.22	23.14	24.81
	2 TX Slots	29.58	29.62	29.58	31.00	-6.18	23.40	23.44	23.40	24.82
	3 TX Slots	27.99	28.05	27.97	29.50	-4.42	23.57	23.63	23.55	25.08
	4 TX Slots	26.31	26.33	26.25	27.70	-3.17	23.14	23.16	23.08	24.53
EGPRS (8PSK)	1 TX Slot	26.09	26.18	26.17	27.80	-9.19	16.90	16.99	16.98	18.61
	2 TX Slots	24.44	24.46	24.38	26.00	-6.18	18.26	18.28	18.20	19.82
	3 TX Slots	22.45	22.53	22.49	24.00	-4.42	18.03	18.11	18.07	19.58
	4 TX Slots	20.94	21.03	20.97	22.20	-3.17	17.77	17.86	17.80	19.03



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Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.66	29.59	29.61	31.00	-9.19	20.47	20.40	20.42	21.81
GPRS (GMSK)	1 TX Slot	29.70	29.67	29.76	31.00	-9.19	20.51	20.48	20.57	21.81
	2 TX Slots	27.76	27.80	27.73	29.00	-6.18	21.58	21.62	21.55	22.82
	3 TX Slots	25.73	25.71	25.73	27.00	-4.42	21.31	21.29	21.31	22.58
	4 TX Slots	24.07	23.98	24.06	25.50	-3.17	20.90	20.81	20.89	22.33
EGPRS (GMSK)	1 TX Slot	29.69	29.60	29.69	31.00	-9.19	20.50	20.41	20.50	21.81
	2 TX Slots	27.72	27.66	27.73	29.00	-6.18	21.54	21.48	21.55	22.82
	3 TX Slots	25.70	25.64	25.73	27.00	-4.42	21.28	21.22	21.31	22.58
	4 TX Slots	24.00	23.94	24.03	25.50	-3.17	20.83	20.77	20.86	22.33
EGPRS (8PSK)	1 TX Slot	25.00	24.95	25.01	26.80	-9.19	15.81	15.76	15.82	17.61
	2 TX Slots	23.46	23.44	23.52	25.00	-6.18	17.28	17.26	17.34	18.82
	3 TX Slots	21.42	21.35	21.42	23.00	-4.42	17.00	16.93	17.00	18.58
	4 TX Slots	19.87	19.85	19.92	21.50	-3.17	16.70	16.68	16.75	18.33

GSM 1900 DS12										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	23.29	23.23	23.30	24.50	-9.19	14.10	14.04	14.11	15.31
GPRS (GMSK)	1 TX Slot	23.38	23.35	23.39	24.50	-9.19	14.19	14.16	14.20	15.31
	2 TX Slots	20.64	20.55	20.64	22.00	-6.18	14.46	14.37	14.46	15.82
	3 TX Slots	18.57	18.49	18.53	20.00	-4.42	14.15	14.07	14.11	15.58
	4 TX Slots	17.34	17.35	17.32	19.00	-3.17	14.17	14.18	14.15	15.83
EGPRS (GMSK)	1 TX Slot	23.44	23.37	23.44	24.50	-9.19	14.25	14.18	14.25	15.31
	2 TX Slots	20.69	20.62	20.71	22.00	-6.18	14.51	14.44	14.53	15.82
	3 TX Slots	18.50	18.47	18.50	20.00	-4.42	14.08	14.05	14.08	15.58
	4 TX Slots	17.33	17.25	17.31	19.00	-3.17	14.16	14.08	14.14	15.83
EGPRS (8PSK)	1 TX Slot	23.25	23.22	23.29	24.80	-9.19	14.06	14.03	14.10	15.61
	2 TX Slots	20.71	20.63	20.66	22.00	-6.18	14.53	14.45	14.48	15.82
	3 TX Slots	18.86	18.84	18.93	20.00	-4.42	14.44	14.42	14.51	15.58
	4 TX Slots	17.86	17.85	17.87	19.00	-3.17	14.69	14.68	14.70	15.83



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Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	22.86	22.78	22.87	24.00	-9.19	13.67	13.59	13.68	14.81
GPRS (GMSK)	1 TX Slot	22.78	22.73	22.74	24.00	-9.19	13.59	13.54	13.55	14.81
	2 TX Slots	20.27	20.20	20.23	21.50	-6.18	14.09	14.02	14.05	15.32
	3 TX Slots	18.25	18.17	18.23	19.50	-4.42	13.83	13.75	13.81	15.08
	4 TX Slots	17.11	17.06	17.08	18.50	-3.17	13.94	13.89	13.91	15.33
EGPRS (GMSK)	1 TX Slot	22.75	22.69	22.72	24.00	-9.19	13.56	13.50	13.53	14.81
	2 TX Slots	20.29	20.21	20.29	21.50	-6.18	14.11	14.03	14.11	15.32
	3 TX Slots	18.23	18.21	18.30	19.50	-4.42	13.81	13.79	13.88	15.08
	4 TX Slots	17.06	17.04	17.07	18.50	-3.17	13.89	13.87	13.90	15.33
EGPRS (8PSK)	1 TX Slot	22.67	22.61	22.63	24.30	-9.19	13.48	13.42	13.44	15.11
	2 TX Slots	20.28	20.25	20.29	21.50	-6.18	14.10	14.07	14.11	15.32
	3 TX Slots	18.12	18.11	18.14	19.50	-4.42	13.70	13.69	13.72	15.08
	4 TX Slots	17.31	17.29	17.37	18.50	-3.17	14.14	14.12	14.20	15.33

GSM 1900 DS15										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.80	29.67	29.80	31.00	-9.19	20.61	20.48	20.61	21.81
GPRS (GMSK)	1 TX Slot	29.70	29.62	29.68	31.00	-9.19	20.51	20.43	20.49	21.81
	2 TX Slots	27.61	27.56	27.68	28.50	-6.18	21.43	21.38	21.50	22.32
	3 TX Slots	25.15	25.12	25.16	26.50	-4.42	20.73	20.70	20.74	22.08
	4 TX Slots	23.78	23.66	23.80	25.00	-3.17	20.61	20.49	20.63	21.83
EGPRS (GMSK)	1 TX Slot	29.59	29.51	29.68	31.00	-9.19	20.40	20.32	20.49	21.81
	2 TX Slots	27.68	27.54	27.64	28.50	-6.18	21.50	21.36	21.46	22.32
	3 TX Slots	25.24	25.09	25.18	26.50	-4.42	20.82	20.67	20.76	22.08
	4 TX Slots	23.60	23.51	23.54	25.00	-3.17	20.43	20.34	20.37	21.83
EGPRS (8PSK)	1 TX Slot	25.06	25.00	25.12	26.80	-9.19	15.87	15.81	15.93	17.61
	2 TX Slots	23.53	23.42	23.56	25.00	-6.18	17.35	17.24	17.38	18.82
	3 TX Slots	21.53	21.45	21.62	23.00	-4.42	17.11	17.03	17.20	18.58
	4 TX Slots	19.88	19.78	19.90	21.50	-3.17	16.71	16.61	16.73	18.33



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1.2 Conducted Power of WCDMA

WCDMA Band II DSI4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.88	22.98	22.78	24.00
	12.2kbps AMR	22.79	22.86	22.75	24.00
HSDPA	Subtest 1	22.08	21.77	22.00	23.00
	Subtest 2	22.09	21.75	22.00	23.00
	Subtest 3	21.61	21.10	21.56	22.50
	Subtest 4	21.60	21.05	21.54	22.50
HSUPA	Subtest 1	22.07	21.75	22.05	23.00
	Subtest 2	20.06	19.74	20.03	21.00
	Subtest 3	21.03	20.74	21.02	22.00
	Subtest 4	20.00	19.76	20.06	21.00
	Subtest 5	22.03	21.75	22.03	23.00
DC-HSDPA	Subtest 1	22.06	21.70	21.94	23.00
	Subtest 2	22.01	21.66	21.96	23.00
	Subtest 3	21.53	21.01	21.55	22.50
	Subtest 4	21.54	21.02	21.52	22.50
HSPA+	16QAM	21.05	21.04	21.14	22.00

WCDMA Band II DSI2					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	15.25	15.31	15.15	16.50
	12.2kbps AMR	15.22	15.23	15.12	16.50
HSDPA	Subtest 1	14.57	14.27	14.55	15.50
	Subtest 2	14.58	14.29	14.56	15.50
	Subtest 3	14.07	13.80	14.05	15.00
	Subtest 4	14.05	13.79	14.01	15.00
HSUPA	Subtest 1	14.51	14.27	14.49	15.50
	Subtest 2	12.54	12.25	12.50	13.50
	Subtest 3	13.50	13.24	13.55	14.50
	Subtest 4	12.51	12.28	12.49	13.50
	Subtest 5	14.53	14.31	14.49	15.50
DC-HSDPA	Subtest 1	14.51	14.24	14.53	15.50
	Subtest 2	14.49	14.22	14.52	15.50
	Subtest 3	14.01	13.74	14.03	15.00
	Subtest 4	14.03	13.76	13.97	15.00



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HSPA+	16QAM	13.29	13.38	13.42	14.50
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WCDMA Band II DSI3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	14.35	14.23	14.25	15.50
	12.2kbps AMR	14.26	14.21	14.19	15.50
HSDPA	Subtest 1	13.49	13.16	13.45	14.50
	Subtest 2	13.48	13.15	13.44	14.50
	Subtest 3	12.99	12.67	12.94	14.00
	Subtest 4	12.97	12.68	12.93	14.00
HSUPA	Subtest 1	13.50	13.22	13.50	14.50
	Subtest 2	11.47	11.25	11.50	12.50
	Subtest 3	12.50	12.23	12.49	13.50
	Subtest 4	11.47	11.23	11.49	12.50
	Subtest 5	13.50	13.29	13.49	14.50
DC-HSDPA	Subtest 1	13.46	13.10	13.36	14.50
	Subtest 2	13.41	13.06	13.39	14.50
	Subtest 3	12.95	12.65	12.85	14.00
	Subtest 4	12.96	12.59	12.86	14.00
HSPA+	16QAM	12.33	12.38	12.25	13.50

WCDMA Band II DSI5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.55	21.39	21.35	22.50
	12.2kbps AMR	21.52	21.38	21.34	22.50
HSDPA	Subtest 1	20.67	20.35	20.60	21.50
	Subtest 2	20.69	20.36	20.58	21.50
	Subtest 3	19.99	19.85	20.08	21.00
	Subtest 4	20.21	19.86	20.08	21.00
HSUPA	Subtest 1	20.62	20.29	20.55	21.50
	Subtest 2	18.57	18.29	18.53	19.50
	Subtest 3	19.53	19.28	19.53	20.50
	Subtest 4	18.57	18.28	18.56	19.50
	Subtest 5	20.56	20.27	20.54	21.50
DC-HSDPA	Subtest 1	20.62	20.27	20.51	21.50
	Subtest 2	20.60	20.34	20.50	21.50
	Subtest 3	19.98	19.80	20.07	21.00
	Subtest 4	20.18	19.85	20.06	21.00



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HSPA+	16QAM	19.14	19.32	19.21	20.50
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WCDMA Band II DSI8/9/10					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.05	19.08	19.03	20.00
	12.2kbps AMR	19.03	18.91	19.06	20.00
HSDPA	Subtest 1	18.05	17.80	18.01	19.00
	Subtest 2	18.05	17.76	18.01	19.00
	Subtest 3	17.55	17.24	17.51	18.50
	Subtest 4	17.54	17.24	17.51	18.50
HSUPA	Subtest 1	18.04	17.78	18.00	19.00
	Subtest 2	16.06	15.75	16.02	17.00
	Subtest 3	16.99	16.75	17.03	18.00
	Subtest 4	16.03	15.74	15.99	17.00
	Subtest 5	18.02	17.74	18.01	19.00
DC-HSDPA	Subtest 1	18.00	17.75	17.97	19.00
	Subtest 2	18.02	17.71	17.97	19.00
	Subtest 3	17.52	17.20	17.43	18.50
	Subtest 4	17.51	17.22	17.48	18.50
HSPA+	16QAM	16.81	16.82	16.88	18.00

WCDMA Band IV DSI4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.46	23.56	23.45	24.50
	12.2kbps AMR	23.45	23.52	23.41	24.50
HSDPA	Subtest 1	22.60	22.45	22.37	23.50
	Subtest 2	22.62	22.46	22.36	23.50
	Subtest 3	22.10	21.97	21.88	23.00
	Subtest 4	22.13	21.95	21.67	23.00
HSUPA	Subtest 1	22.46	22.43	22.40	23.50
	Subtest 2	20.48	20.45	20.44	21.50
	Subtest 3	21.47	21.44	21.39	22.50
	Subtest 4	20.48	20.41	20.40	21.50
	Subtest 5	22.46	22.40	22.38	23.50
DC-HSDPA	Subtest 1	22.51	22.43	22.34	23.50
	Subtest 2	22.60	22.40	22.28	23.50
	Subtest 3	22.04	21.88	21.84	23.00
	Subtest 4	22.09	21.91	21.58	23.00



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HSPA+	16QAM	21.07	21.06	21.03	22.00
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WCDMA Band IV DS12					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	15.46	15.56	15.51	16.50
	12.2kbps AMR	15.45	15.48	15.46	16.50
HSDPA	Subtest 1	14.59	14.46	14.39	15.50
	Subtest 2	14.58	14.46	14.42	15.50
	Subtest 3	14.06	13.96	13.91	15.00
	Subtest 4	14.10	13.97	13.90	15.00
HSUPA	Subtest 1	14.52	14.43	14.39	15.50
	Subtest 2	12.49	12.44	12.42	13.50
	Subtest 3	13.47	13.41	13.39	14.50
	Subtest 4	12.46	12.43	12.40	13.50
	Subtest 5	14.49	14.48	14.41	15.50
DC-HSDPA	Subtest 1	14.55	14.40	14.31	15.50
	Subtest 2	14.51	14.37	14.33	15.50
	Subtest 3	14.03	13.87	13.83	15.00
	Subtest 4	14.09	13.89	13.89	15.00
HSPA+	16QAM	13.07	13.05	13.02	14.00

WCDMA Band IV DS13					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	14.33	14.41	14.39	15.50
	12.2kbps AMR	14.28	14.38	14.36	15.50
HSDPA	Subtest 1	13.58	13.47	13.40	14.50
	Subtest 2	13.54	13.46	13.42	14.50
	Subtest 3	13.01	12.82	12.89	14.00
	Subtest 4	13.05	12.96	12.89	14.00
HSUPA	Subtest 1	13.48	13.47	13.43	14.50
	Subtest 2	11.47	11.45	11.42	12.50
	Subtest 3	12.46	12.47	12.42	13.50
	Subtest 4	11.48	11.45	11.44	12.50
	Subtest 5	13.50	13.52	13.43	14.50
DC-HSDPA	Subtest 1	13.57	13.41	13.37	14.50
	Subtest 2	13.49	13.43	13.37	14.50
	Subtest 3	12.92	12.80	12.87	14.00
	Subtest 4	13.01	12.88	12.80	14.00



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HSPA+	16QAM	11.89	11.88	11.92	13.00
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WCDMA Band IV DS15					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.61	20.54	20.56	21.50
	12.2kbps AMR	20.55	20.53	20.52	21.50
HSDPA	Subtest 1	19.64	19.55	19.46	20.50
	Subtest 2	19.65	19.56	19.44	20.50
	Subtest 3	19.14	19.00	18.93	20.00
	Subtest 4	19.15	19.02	18.95	20.00
HSUPA	Subtest 1	19.56	19.47	19.44	20.50
	Subtest 2	17.55	17.53	17.46	18.50
	Subtest 3	18.53	18.48	18.46	19.50
	Subtest 4	17.54	17.48	17.46	18.50
	Subtest 5	19.54	19.49	19.44	20.50
DC-HSDPA	Subtest 1	19.59	19.51	19.44	20.50
	Subtest 2	19.56	19.49	19.41	20.50
	Subtest 3	19.13	18.99	18.87	20.00
	Subtest 4	19.07	18.93	18.90	20.00
HSPA+	16QAM	17.92	18.02	18.01	19.00

WCDMA Band IV DS18/9/10					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.56	19.59	19.46	20.50
	12.2kbps AMR	19.54	19.48	19.44	20.50
HSDPA	Subtest 1	18.58	18.42	18.35	19.50
	Subtest 2	18.55	18.41	18.33	19.50
	Subtest 3	18.08	17.93	17.86	19.00
	Subtest 4	18.07	17.93	17.84	19.00
HSUPA	Subtest 1	18.50	18.45	18.46	19.50
	Subtest 2	16.50	16.44	16.45	17.50
	Subtest 3	17.47	17.43	17.41	18.50
	Subtest 4	16.51	16.47	16.41	17.50
	Subtest 5	18.51	18.44	18.43	19.50
DC-HSDPA	Subtest 1	18.55	18.37	18.29	19.50
	Subtest 2	18.48	18.34	18.28	19.50
	Subtest 3	18.02	17.85	17.80	19.00
	Subtest 4	18.02	17.90	17.81	19.00



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HSPA+	16QAM	16.92	16.99	16.91	18.00
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WCDMA Band V DS14/5/8/9/10					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.06	24.11	24.05	25.00
	12.2kbps AMR	24.03	24.08	24.03	25.00
HSDPA	Subtest 1	23.02	23.07	22.97	24.00
	Subtest 2	23.04	23.07	22.97	24.00
	Subtest 3	22.39	22.58	22.48	23.50
	Subtest 4	22.54	22.58	22.47	23.50
HSUPA	Subtest 1	23.00	23.07	22.99	24.00
	Subtest 2	20.97	21.06	20.98	22.00
	Subtest 3	21.98	22.06	21.97	23.00
	Subtest 4	20.99	21.06	20.96	22.00
	Subtest 5	22.98	23.06	22.96	24.00
DC-HSDPA	Subtest 1	22.95	23.00	22.92	24.00
	Subtest 2	22.96	23.05	22.92	24.00
	Subtest 3	22.31	22.51	22.46	23.50
	Subtest 4	22.50	22.53	22.39	23.50
HSPA+	16QAM	21.06	21.02	20.86	22.00

WCDMA Band V DS12					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	19.49	19.52	19.45	20.50
	12.2kbps AMR	19.46	19.48	19.41	20.50
HSDPA	Subtest 1	18.44	18.52	18.42	19.50
	Subtest 2	18.45	18.51	18.42	19.50
	Subtest 3	17.96	18.03	17.79	19.00
	Subtest 4	17.80	18.01	17.76	19.00
HSUPA	Subtest 1	18.43	18.51	18.40	19.50
	Subtest 2	16.41	16.51	16.41	17.50
	Subtest 3	17.39	17.51	17.38	18.50
	Subtest 4	16.44	16.52	16.42	17.50
	Subtest 5	18.40	18.51	18.41	19.50
DC-HSDPA	Subtest 1	18.38	18.48	18.35	19.50
	Subtest 2	18.42	18.42	18.35	19.50
	Subtest 3	17.95	18.00	17.73	19.00
	Subtest 4	17.74	17.95	17.75	19.00



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HSPA+	16QAM	16.29	16.42	16.35	17.50
-------	-------	-------	-------	-------	-------

WCDMA Band V DSI3					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	18.55	18.54	18.59	19.50
	12.2kbps AMR	18.42	18.43	18.56	19.50
HSDPA	Subtest 1	17.41	17.49	17.37	18.50
	Subtest 2	17.44	17.50	17.41	18.50
	Subtest 3	16.94	16.98	16.90	18.00
	Subtest 4	16.93	16.98	16.88	18.00
HSUPA	Subtest 1	17.42	17.53	17.43	18.50
	Subtest 2	15.44	15.51	15.44	16.50
	Subtest 3	16.43	16.51	16.41	17.50
	Subtest 4	15.42	15.52	15.45	16.50
	Subtest 5	17.44	17.52	17.44	18.50
DC-HSDPA	Subtest 1	17.38	17.43	17.34	18.50
	Subtest 2	17.41	17.45	17.35	18.50
	Subtest 3	16.86	16.97	16.88	18.00
	Subtest 4	16.91	16.91	16.86	18.00
HSPA+	16QAM	15.31	15.38	15.32	16.50



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1.3 Conducted Power of LTE

LTE Band 2 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.41	22.13	22.22	24.00
		1	2	22.39	22.17	22.42	24.00
		1	5	22.35	22.20	22.30	24.00
		3	0	22.34	22.19	22.36	24.00
		3	2	22.30	22.20	22.30	24.00
		3	3	22.30	22.26	22.35	24.00
		6	0	21.37	21.30	21.49	23.00
	16QAM	1	0	21.79	21.05	21.30	23.00
		1	2	21.93	21.12	21.18	23.00
		1	5	21.46	21.51	21.50	23.00
		3	0	21.42	21.53	21.53	23.00
		3	2	21.48	21.46	21.49	23.00
		3	3	21.49	21.47	21.53	23.00
		6	0	20.22	20.21	20.38	22.00
	64QAM	1	0	21.54	20.33	20.47	22.00
		1	2	21.38	20.23	20.59	22.00
		1	5	21.57	20.43	20.24	22.00
		3	0	21.55	20.41	20.23	22.00
		3	2	21.57	20.41	20.21	22.00
		3	3	21.60	20.45	20.22	22.00
		6	0	20.40	19.29	19.39	21.00
	256QAM	1	0	17.56	17.39	17.43	19.00
		1	2	17.59	17.08	17.51	19.00
		1	5	17.70	17.50	17.57	19.00
		3	0	17.16	17.29	17.46	19.00
		3	2	17.47	17.24	17.37	19.00
		3	3	17.47	17.44	17.47	19.00
		6	0	17.48	17.40	17.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.46	22.21	22.24	24.00
		1	7	22.52	22.29	22.55	24.00
		1	14	22.38	22.34	22.42	24.00



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		8	0	21.70	21.47	21.48	23.00
		8	4	21.18	21.49	21.59	23.00
		8	7	21.58	21.55	21.54	23.00
		15	0	21.54	21.39	21.54	23.00
	16QAM	1	0	21.88	21.20	21.38	23.00
		1	7	22.01	21.26	21.23	23.00
		1	14	21.60	21.58	21.61	23.00
		8	0	20.43	20.43	20.60	22.00
		8	4	20.38	20.39	20.34	22.00
		8	7	20.59	20.47	20.64	22.00
		15	0	20.30	20.30	20.52	22.00
	64QAM	1	0	21.63	20.41	20.53	22.00
		1	7	21.48	20.30	20.71	22.00
		1	14	21.71	20.54	20.33	22.00
		8	0	20.34	19.29	19.52	21.00
		8	4	20.51	19.44	19.37	21.00
		8	7	20.55	19.49	19.50	21.00
		15	0	20.54	19.43	19.48	21.00
	256QAM	1	0	17.69	17.51	17.49	19.00
		1	7	17.68	17.18	17.58	19.00
		1	14	17.85	17.59	17.63	19.00
		8	0	17.32	17.43	17.54	19.00
		8	4	17.58	17.35	17.43	19.00
		8	7	17.61	17.49	17.58	19.00
		15	0	17.61	17.46	17.61	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.49	22.15	22.26	24.00
		1	13	22.46	22.23	22.55	24.00
		1	24	22.44	22.30	22.46	24.00
		12	0	21.71	21.50	21.48	23.00
		12	6	21.21	21.49	21.63	23.00
		12	13	21.60	21.54	21.50	23.00
		25	0	21.53	21.44	21.56	23.00
	16QAM	1	0	21.88	21.15	21.39	23.00
		1	13	22.02	21.21	21.27	23.00
		1	24	21.55	21.56	21.57	23.00
		12	0	20.40	20.46	20.56	22.00
		12	6	20.36	20.40	20.40	22.00



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	64QAM	12	13	20.62	20.45	20.62	22.00
		25	0	20.35	20.36	20.50	22.00
		1	0	21.66	20.43	20.56	22.00
		1	13	21.50	20.29	20.69	22.00
		1	24	21.66	20.52	20.30	22.00
		12	0	20.27	19.33	19.51	21.00
		12	6	20.52	19.44	19.37	21.00
		12	13	20.53	19.46	19.54	21.00
		25	0	20.50	19.37	19.50	21.00
	256QAM	1	0	17.68	17.45	17.48	19.00
		1	13	17.62	17.18	17.58	19.00
		1	24	17.80	17.62	17.60	19.00
		12	0	17.33	17.44	17.54	19.00
		12	6	17.57	17.33	17.43	19.00
		12	13	17.58	17.50	17.59	19.00
		25	0	17.61	17.53	17.61	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.46	22.20	22.30	24.00
		1	25	22.48	22.31	22.56	24.00
		1	49	22.45	22.31	22.44	24.00
		25	0	21.71	21.50	21.47	23.00
		25	13	21.17	21.42	21.58	23.00
		25	25	21.57	21.56	21.57	23.00
		50	0	21.52	21.42	21.54	23.00
	16QAM	1	0	21.88	21.20	21.38	23.00
		1	25	22.05	21.25	21.23	23.00
		1	49	21.52	21.57	21.57	23.00
		25	0	20.43	20.49	20.60	22.00
		25	13	20.43	20.41	20.39	22.00
		25	25	20.56	20.49	20.63	22.00
		50	0	20.30	20.32	20.50	22.00
	64QAM	1	0	21.63	20.37	20.53	22.00
		1	25	21.51	20.35	20.71	22.00
		1	49	21.63	20.51	20.34	22.00
		25	0	20.28	19.30	19.50	21.00
		25	13	20.49	19.42	19.35	21.00
		25	25	20.48	19.42	19.54	21.00
		50	0	20.48	19.36	19.50	21.00



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		1	0	17.63	17.43	17.47	19.00
		1	25	17.62	17.21	17.53	19.00
		1	49	17.80	17.57	17.65	19.00
	256QAM	25	0	17.27	17.40	17.56	19.00
		25	13	17.57	17.36	17.40	19.00
		25	25	17.58	17.55	17.60	19.00
		50	0	17.61	17.51	17.60	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.48	22.21	22.26	24.00
		1	38	22.48	22.31	22.58	24.00
		1	74	22.42	22.35	22.39	24.00
		36	0	21.68	21.45	21.45	23.00
		36	18	21.18	21.44	21.58	23.00
		36	39	21.61	21.55	21.51	23.00
		75	0	21.48	21.38	21.58	23.00
	16QAM	1	0	21.88	21.23	21.33	23.00
		1	38	22.03	21.28	21.25	23.00
		1	74	21.52	21.59	21.57	23.00
		36	0	20.45	20.51	20.55	22.00
		36	18	20.38	20.37	20.35	22.00
		36	39	20.57	20.45	20.63	22.00
		75	0	20.31	20.31	20.48	22.00
	64QAM	1	0	21.63	20.43	20.54	22.00
		1	38	21.49	20.30	20.69	22.00
		1	74	21.69	20.54	20.30	22.00
		36	0	20.28	19.35	19.51	21.00
		36	18	20.53	19.43	19.35	21.00
		36	39	20.48	19.42	19.54	21.00
		75	0	20.54	19.39	19.53	21.00
	256QAM	1	0	17.66	17.43	17.54	19.00
		1	38	17.68	17.19	17.60	19.00
		1	74	17.86	17.59	17.67	19.00
		36	0	17.27	17.41	17.50	19.00
		36	18	17.59	17.28	17.41	19.00
		36	39	17.57	17.48	17.62	19.00
		75	0	17.57	17.53	17.59	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	



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20MHz	QPSK	1	0	22.44	22.14	22.23	24.00
		1	50	22.45	22.22	22.49	24.00
		1	99	22.36	22.28	22.38	24.00
		50	0	21.63	21.42	21.41	23.00
		50	25	21.16	21.40	21.57	23.00
		50	50	21.55	21.50	21.49	23.00
		100	0	21.46	21.35	21.52	23.00
	16QAM	1	0	21.80	21.14	21.31	23.00
		1	50	21.96	21.19	21.19	23.00
		1	99	21.51	21.55	21.56	23.00
		50	0	20.39	20.42	20.51	22.00
		50	25	20.35	20.34	20.33	22.00
		50	50	20.54	20.40	20.57	22.00
		100	0	20.26	20.27	20.45	22.00
	64QAM	1	0	21.61	20.36	20.48	22.00
		1	50	21.42	20.26	20.66	22.00
		1	99	21.62	20.46	20.27	22.00
		50	0	20.25	19.26	19.43	21.00
		50	25	20.44	19.38	19.34	21.00
		50	50	20.47	19.40	19.47	21.00
		100	0	20.46	19.35	19.46	21.00
	256QAM	1	0	17.62	17.42	17.46	19.00
		1	50	17.61	17.12	17.52	19.00
		1	99	17.78	17.55	17.58	19.00
		50	0	17.24	17.36	17.48	19.00
		50	25	17.55	17.27	17.39	19.00
		50	50	17.53	17.47	17.55	19.00
		100	0	17.52	17.45	17.52	19.00



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LTE Band 2 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	14.91	14.83	14.85	16.50
		1	2	14.90	14.73	15.00	16.50
		1	5	14.92	14.88	14.96	16.50
		3	0	14.98	14.92	14.98	16.50
		3	2	14.95	14.81	15.06	16.50
		3	3	14.94	14.83	15.10	16.50
		6	0	15.04	14.92	14.97	16.50
	16QAM	1	0	15.25	15.02	14.84	16.50
		1	2	15.06	14.75	15.03	16.50
		1	5	15.25	14.76	14.97	16.50
		3	0	14.97	14.89	14.95	16.50
		3	2	14.99	14.87	14.97	16.50
		3	3	14.97	14.83	15.07	16.50
		6	0	15.06	14.89	14.97	16.50
	64QAM	1	0	15.21	14.89	14.99	16.50
		1	2	14.98	14.97	15.08	16.50
		1	5	14.95	14.97	14.93	16.50
		3	0	15.12	14.85	14.88	16.50
		3	2	14.95	14.83	14.93	16.50
		3	3	14.95	14.89	15.06	16.50
		6	0	15.00	14.91	14.86	16.50
	256QAM	1	0	15.15	14.94	15.17	16.50
		1	2	15.17	14.97	14.61	16.50
		1	5	15.45	14.99	15.22	16.50
		3	0	14.88	14.91	14.95	16.50
		3	2	15.05	14.88	14.96	16.50
		3	3	15.00	14.89	15.11	16.50
		6	0	15.10	14.92	14.98	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	15.00	14.94	14.89	16.50
		1	7	15.01	14.83	15.09	16.50
		1	14	15.00	15.00	15.05	16.50
		8	0	15.13	14.98	15.06	16.50
		8	4	15.04	14.96	15.12	16.50



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		8	7	15.04	14.94	15.17	16.50
		15	0	15.07	14.98	15.09	16.50
	16QAM	1	0	15.35	15.11	14.89	16.50
		1	7	15.21	14.88	15.06	16.50
		1	14	15.30	14.84	15.05	16.50
		8	0	15.10	14.98	15.03	16.50
		8	4	15.07	14.98	15.07	16.50
		8	7	15.14	14.96	15.11	16.50
		15	0	15.20	14.98	15.06	16.50
		1	0	15.24	15.01	15.09	16.50
	64QAM	1	7	15.10	15.13	15.20	16.50
		1	14	15.06	15.06	15.04	16.50
		8	0	15.23	14.99	15.06	16.50
		8	4	14.99	14.99	15.08	16.50
		8	7	15.05	15.03	15.15	16.50
		15	0	15.11	14.98	15.02	16.50
		1	0	15.19	15.06	15.23	16.50
	256QAM	1	7	15.26	15.09	14.72	16.50
		1	14	15.61	15.03	15.36	16.50
		8	0	14.64	15.03	15.10	16.50
		8	4	15.18	14.96	15.03	16.50
		8	7	15.09	15.01	15.22	16.50
		15	0	15.18	15.07	15.09	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	15.04	14.95	14.89	16.50
		1	13	14.99	14.77	15.14	16.50
		1	24	14.97	15.00	15.02	16.50
		12	0	15.14	15.02	15.07	16.50
		12	6	15.07	14.93	15.19	16.50
		12	13	15.07	14.96	15.18	16.50
		25	0	15.14	14.99	15.05	16.50
	16QAM	1	0	15.35	15.07	14.87	16.50
		1	13	15.23	14.84	15.08	16.50
		1	24	15.34	14.88	15.06	16.50
		12	0	15.04	15.02	15.02	16.50
		12	6	15.07	14.99	15.08	16.50
		12	13	15.10	14.93	15.12	16.50
		25	0	15.18	15.01	15.01	16.50



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	64QAM	1	0	15.28	15.04	15.13	16.50
		1	13	15.08	15.09	15.17	16.50
		1	24	15.07	15.02	15.03	16.50
		12	0	15.15	14.97	15.00	16.50
		12	6	15.00	14.96	15.11	16.50
		12	13	15.05	14.98	15.14	16.50
		25	0	15.09	14.96	15.01	16.50
	256QAM	1	0	15.27	15.04	15.25	16.50
		1	13	15.27	15.08	14.71	16.50
		1	24	15.61	15.04	15.35	16.50
		12	0	14.64	14.97	15.08	16.50
		12	6	15.15	14.95	15.07	16.50
		12	13	15.12	15.04	15.24	16.50
		25	0	15.16	15.08	15.13	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	15.01	14.94	14.92	16.50
		1	25	14.98	14.84	15.15	16.50
		1	49	15.00	14.95	15.00	16.50
		25	0	15.07	14.97	15.05	16.50
		25	13	15.09	14.89	15.11	16.50
		25	25	15.07	14.94	15.17	16.50
		50	0	15.12	14.97	15.12	16.50
	16QAM	1	0	15.32	15.07	14.91	16.50
		1	25	15.23	14.85	15.05	16.50
		1	49	15.35	14.88	15.06	16.50
		25	0	15.12	15.01	15.09	16.50
		25	13	15.12	14.97	15.12	16.50
		25	25	15.13	14.97	15.16	16.50
		50	0	15.14	15.02	15.04	16.50
	64QAM	1	0	15.25	15.01	15.12	16.50
		1	25	15.03	15.08	15.18	16.50
		1	49	15.06	15.08	15.08	16.50
		25	0	15.20	15.01	15.02	16.50
		25	13	15.00	14.93	15.11	16.50
		25	25	15.05	14.99	15.14	16.50
		50	0	15.12	15.01	14.97	16.50
	256QAM	1	0	15.24	15.06	15.21	16.50
		1	25	15.27	15.12	14.69	16.50



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		1	49	15.58	15.03	15.36	16.50
		25	0	14.65	14.98	15.06	16.50
		25	13	15.14	14.96	15.06	16.50
		25	25	15.07	15.04	15.26	16.50
		50	0	15.19	15.07	15.09	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	15.05	14.91	14.90	16.50
		1	38	15.00	14.83	15.15	16.50
		1	74	15.02	14.97	15.03	16.50
		36	0	15.12	15.00	15.08	16.50
		36	18	15.05	14.93	15.11	16.50
		36	39	15.08	14.99	15.23	16.50
		75	0	15.14	15.02	15.06	16.50
	16QAM	1	0	15.36	15.15	14.90	16.50
		1	38	15.16	14.90	15.13	16.50
		1	74	15.33	14.83	15.12	16.50
		36	0	15.12	15.02	15.01	16.50
		36	18	15.06	14.99	15.13	16.50
		36	39	15.08	15.01	15.14	16.50
		75	0	15.20	14.95	15.07	16.50
	64QAM	1	0	15.25	15.04	15.09	16.50
		1	38	15.10	15.07	15.16	16.50
		1	74	15.09	15.06	15.05	16.50
		36	0	15.23	14.99	14.99	16.50
		36	18	14.99	14.98	15.10	16.50
		36	39	15.11	14.99	15.18	16.50
		75	0	15.11	14.96	14.97	16.50
	256QAM	1	0	15.22	15.06	15.21	16.50
		1	38	15.31	15.12	14.68	16.50
		1	74	15.57	15.10	15.37	16.50
		36	0	14.58	14.97	15.10	16.50
		36	18	15.13	14.93	15.03	16.50
		36	39	15.10	15.05	15.22	16.50
		75	0	15.21	15.04	15.08	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	14.99	14.88	14.86	16.50
		1	50	14.92	14.75	15.08	16.50



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		1	99	14.93	14.92	14.98	16.50
		50	0	15.05	14.96	15.01	16.50
		50	25	15.00	14.88	15.10	16.50
		50	50	14.99	14.90	15.15	16.50
		100	0	15.05	14.94	15.03	16.50
	16QAM	1	0	15.29	15.06	14.86	16.50
		1	50	15.15	14.83	15.04	16.50
		1	99	15.26	14.80	15.03	16.50
		50	0	15.03	14.97	15.00	16.50
		50	25	15.05	14.91	15.05	16.50
		50	50	15.05	14.92	15.09	16.50
		100	0	15.12	14.93	15.00	16.50
	64QAM	1	0	15.23	14.95	15.07	16.50
		1	50	15.02	15.05	15.11	16.50
		1	99	15.00	15.01	15.01	16.50
		50	0	15.14	14.93	14.97	16.50
		50	25	14.96	14.91	15.02	16.50
		50	50	15.04	14.94	15.11	16.50
		100	0	15.05	14.93	14.93	16.50
	256QAM	1	0	15.18	15.01	15.20	16.50
		1	50	15.24	15.06	14.65	16.50
		1	99	15.53	15.02	15.28	16.50
		50	0	14.56	14.94	15.03	16.50
		50	25	15.11	14.92	15.00	16.50
		50	50	15.05	14.96	15.17	16.50
		100	0	15.13	14.99	15.05	16.50



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LTE Band 2 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	13.92	13.88	13.77	15.50
		1	2	14.00	13.81	13.91	15.50
		1	5	13.92	13.78	13.95	15.50
		3	0	14.10	13.87	13.89	15.50
		3	2	14.04	13.90	13.91	15.50
		3	3	14.04	13.93	14.06	15.50
		6	0	14.04	13.82	14.02	15.50
	16QAM	1	0	14.14	13.87	14.00	15.50
		1	2	14.05	13.86	13.96	15.50
		1	5	13.76	13.85	14.00	15.50
		3	0	14.23	13.95	13.93	15.50
		3	2	14.09	13.88	14.07	15.50
		3	3	14.00	13.88	14.09	15.50
		6	0	14.01	13.84	13.96	15.50
	64QAM	1	0	14.35	13.99	13.97	15.50
		1	2	14.17	13.94	14.19	15.50
		1	5	13.88	13.76	14.02	15.50
		3	0	14.07	13.86	13.94	15.50
		3	2	14.02	13.88	14.01	15.50
		3	3	14.01	13.85	14.11	15.50
		6	0	14.04	13.89	13.96	15.50
	256QAM	1	0	14.20	13.72	13.92	15.50
		1	2	14.03	13.90	14.04	15.50
		1	5	13.98	13.92	14.19	15.50
		3	0	13.73	13.84	13.99	15.50
		3	2	14.00	13.93	13.91	15.50
		3	3	14.01	13.93	14.08	15.50
		6	0	14.08	13.84	13.93	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	14.00	13.92	13.87	15.50
		1	7	14.14	13.88	14.02	15.50
		1	14	14.07	13.95	14.07	15.50
		8	0	14.25	13.98	13.99	15.50
		8	4	14.11	13.97	13.96	15.50



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		8	7	14.16	14.01	14.15	15.50
		15	0	14.09	13.98	14.04	15.50
	16QAM	1	0	14.25	14.03	14.09	15.50
		1	7	14.15	13.90	14.06	15.50
		1	14	13.92	13.94	14.13	15.50
		8	0	14.26	13.98	14.02	15.50
		8	4	14.15	13.92	14.13	15.50
		8	7	14.09	14.04	14.22	15.50
		15	0	14.08	13.92	14.10	15.50
		1	0	14.47	14.07	14.10	15.50
	64QAM	1	7	14.28	14.01	14.23	15.50
		1	14	14.01	13.91	14.10	15.50
		8	0	14.15	13.94	14.04	15.50
		8	4	14.17	13.94	14.16	15.50
		8	7	14.04	13.95	14.23	15.50
		15	0	14.16	13.94	14.01	15.50
		1	0	14.28	13.83	14.00	15.50
	256QAM	1	7	14.08	13.99	14.12	15.50
		1	14	14.08	13.98	14.36	15.50
		8	0	13.87	14.01	14.07	15.50
		8	4	14.17	14.05	14.07	15.50
		8	7	14.10	14.08	14.25	15.50
		15	0	14.20	13.92	14.06	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	14.03	13.98	13.89	15.50
		1	13	14.09	13.90	14.06	15.50
		1	24	14.04	13.88	14.10	15.50
		12	0	14.23	13.96	13.95	15.50
		12	6	14.13	14.00	14.01	15.50
		12	13	14.14	14.01	14.09	15.50
		25	0	14.13	13.93	14.05	15.50
	16QAM	1	0	14.26	13.98	14.13	15.50
		1	13	14.21	13.97	14.09	15.50
		1	24	13.85	13.98	14.12	15.50
		12	0	14.32	14.03	14.02	15.50
		12	6	14.22	13.93	14.13	15.50
		12	13	14.13	13.98	14.18	15.50
		25	0	14.06	13.92	14.05	15.50



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	64QAM	1	0	14.41	14.02	14.06	15.50
		1	13	14.34	13.98	14.28	15.50
		1	24	14.01	13.88	14.15	15.50
		12	0	14.18	13.95	14.07	15.50
		12	6	14.14	13.94	14.11	15.50
		12	13	14.09	13.99	14.16	15.50
		25	0	14.17	14.00	14.09	15.50
	256QAM	1	0	14.32	13.85	14.00	15.50
		1	13	14.11	13.99	14.16	15.50
		1	24	14.05	14.03	14.30	15.50
		12	0	13.86	13.97	14.07	15.50
		12	6	14.14	14.02	14.05	15.50
		12	13	14.10	14.00	14.19	15.50
		25	0	14.20	13.95	14.04	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	14.00	13.93	13.92	15.50
		1	25	14.15	13.87	14.06	15.50
		1	49	14.03	13.92	14.10	15.50
		25	0	14.25	14.00	13.93	15.50
		25	13	14.13	14.00	13.99	15.50
		25	25	14.09	13.99	14.14	15.50
		50	0	14.16	13.98	14.12	15.50
	16QAM	1	0	14.22	14.02	14.12	15.50
		1	25	14.21	13.93	14.08	15.50
		1	49	13.86	14.01	14.09	15.50
		25	0	14.29	13.99	14.03	15.50
		25	13	14.18	13.99	14.17	15.50
		25	25	14.11	14.03	14.19	15.50
		50	0	14.09	13.94	14.03	15.50
	64QAM	1	0	14.48	14.08	14.04	15.50
		1	25	14.33	13.96	14.31	15.50
		1	49	13.94	13.94	14.12	15.50
		25	0	14.23	13.95	14.03	15.50
		25	13	14.10	13.93	14.16	15.50
		25	25	14.11	13.98	14.20	15.50
		50	0	14.20	13.95	14.09	15.50
	256QAM	1	0	14.27	13.87	14.08	15.50
		1	25	14.08	13.97	14.13	15.50



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		1	49	14.07	14.01	14.34	15.50
		25	0	13.83	13.95	14.05	15.50
		25	13	14.12	14.01	14.07	15.50
		25	25	14.08	14.03	14.19	15.50
		50	0	14.16	13.99	14.03	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	14.07	13.96	13.91	15.50
		1	38	14.16	13.88	14.08	15.50
		1	74	14.04	13.94	14.03	15.50
		36	0	14.21	13.97	13.95	15.50
		36	18	14.15	13.97	13.95	15.50
		36	39	14.15	14.03	14.08	15.50
		75	0	14.09	13.95	14.12	15.50
	16QAM	1	0	14.22	14.02	14.10	15.50
		1	38	14.15	13.90	14.10	15.50
		1	74	13.84	13.96	14.11	15.50
		36	0	14.33	14.01	14.06	15.50
		36	18	14.16	13.93	14.15	15.50
		36	39	14.10	14.02	14.22	15.50
		75	0	14.10	13.97	14.10	15.50
	64QAM	1	0	14.44	14.03	14.03	15.50
		1	38	14.32	14.00	14.28	15.50
		1	74	13.95	13.90	14.16	15.50
		36	0	14.20	13.96	14.08	15.50
		36	18	14.10	13.99	14.14	15.50
		36	39	14.08	14.00	14.22	15.50
		75	0	14.16	13.98	14.05	15.50
	256QAM	1	0	14.29	13.90	14.08	15.50
		1	38	14.12	13.95	14.10	15.50
		1	74	14.10	14.03	14.36	15.50
		36	0	13.86	13.95	14.06	15.50
		36	18	14.14	14.03	14.06	15.50
		36	39	14.12	14.04	14.20	15.50
		75	0	14.18	14.00	14.04	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	13.98	13.89	13.85	15.50
		1	50	14.07	13.82	13.99	15.50



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		1	99	14.01	13.86	14.01	15.50
		50	0	14.18	13.91	13.91	15.50
		50	25	14.08	13.92	13.94	15.50
		50	50	14.08	13.98	14.07	15.50
		100	0	14.07	13.89	14.03	15.50
	16QAM	1	0	14.19	13.95	14.04	15.50
		1	50	14.14	13.89	14.04	15.50
		1	99	13.83	13.92	14.06	15.50
		50	0	14.24	13.96	14.01	15.50
		50	25	14.13	13.90	14.09	15.50
		50	50	14.04	13.97	14.14	15.50
		100	0	14.05	13.89	14.01	15.50
	64QAM	1	0	14.39	14.00	14.01	15.50
		1	50	14.25	13.95	14.22	15.50
		1	99	13.92	13.85	14.07	15.50
		50	0	14.14	13.92	14.00	15.50
		50	25	14.09	13.92	14.07	15.50
		50	50	14.02	13.94	14.14	15.50
		100	0	14.12	13.92	14.00	15.50
	256QAM	1	0	14.23	13.81	13.99	15.50
		1	50	14.05	13.94	14.09	15.50
		1	99	14.04	13.95	14.27	15.50
		50	0	13.79	13.93	14.00	15.50
		50	25	14.08	13.98	13.98	15.50
		50	50	14.05	13.99	14.16	15.50
		100	0	14.11	13.91	14.02	15.50



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LTE Band 2 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.84	18.76	18.81	20.50
		1	2	19.31	18.89	19.09	20.50
		1	5	18.97	18.96	18.97	20.50
		3	0	19.20	19.03	19.04	20.50
		3	2	19.28	19.03	19.00	20.50
		3	3	19.27	19.03	19.15	20.50
		6	0	19.04	18.98	19.00	20.50
	16QAM	1	0	19.18	18.97	18.57	20.50
		1	2	19.32	18.85	19.04	20.50
		1	5	19.07	18.94	19.12	20.50
		3	0	19.18	19.08	18.99	20.50
		3	2	19.23	18.98	19.01	20.50
		3	3	19.12	19.03	19.07	20.50
		6	0	19.22	18.99	19.06	20.50
	64QAM	1	0	19.15	18.65	18.79	20.50
		1	2	19.19	18.92	18.54	20.50
		1	5	19.04	18.81	19.14	20.50
		3	0	19.18	18.89	18.92	20.50
		3	2	19.16	18.87	18.94	20.50
		3	3	19.13	18.86	19.06	20.50
		6	0	19.15	18.77	18.84	20.50
	256QAM	1	0	17.36	17.09	17.29	19.00
		1	2	17.52	17.41	17.33	19.00
		1	5	17.62	17.33	17.55	19.00
		3	0	17.60	17.44	17.42	19.00
		3	2	17.50	17.46	17.45	19.00
		3	3	17.53	17.32	17.51	19.00
		6	0	17.59	17.35	17.39	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.80	18.75	18.81	20.50
		1	7	19.28	18.91	19.05	20.50
		1	14	18.99	18.92	19.00	20.50
		8	0	19.21	18.99	19.07	20.50
		8	4	19.29	18.98	19.00	20.50



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		8	7	19.27	19.00	19.14	20.50
		15	0	19.10	18.95	19.07	20.50
	16QAM	1	0	19.19	18.99	18.59	20.50
		1	7	19.33	18.79	19.07	20.50
		1	14	18.99	18.92	19.14	20.50
		8	0	19.21	19.03	18.96	20.50
		8	4	19.23	18.98	19.08	20.50
		8	7	19.10	18.98	19.13	20.50
		15	0	19.15	19.03	19.05	20.50
		1	0	19.21	18.70	18.77	20.50
	64QAM	1	7	19.17	18.89	18.52	20.50
		1	14	19.03	18.83	19.10	20.50
		8	0	19.18	18.93	18.90	20.50
		8	4	19.18	18.89	18.95	20.50
		8	7	19.12	18.81	19.03	20.50
		15	0	19.17	18.77	18.90	20.50
		1	0	17.36	17.10	17.29	19.00
	256QAM	1	7	17.57	17.42	17.29	19.00
		1	14	17.56	17.29	17.61	19.00
		8	0	17.56	17.42	17.43	19.00
		8	4	17.45	17.48	17.46	19.00
		8	7	17.56	17.28	17.56	19.00
		15	0	17.55	17.34	17.42	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.78	18.79	18.77	20.50
		1	13	19.27	18.92	19.12	20.50
		1	24	19.00	18.97	18.95	20.50
		12	0	19.19	18.96	19.00	20.50
		12	6	19.31	19.03	18.99	20.50
		12	13	19.26	19.02	19.14	20.50
		25	0	19.06	19.00	19.01	20.50
	16QAM	1	0	19.26	18.99	18.62	20.50
		1	13	19.29	18.78	19.05	20.50
		1	24	19.02	18.93	19.08	20.50
		12	0	19.22	19.10	18.95	20.50
		12	6	19.22	18.93	19.07	20.50
		12	13	19.06	18.95	19.13	20.50
		25	0	19.22	18.99	19.11	20.50



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	64QAM	1	0	19.13	18.63	18.82	20.50
		1	13	19.19	18.87	18.54	20.50
		1	24	19.08	18.86	19.15	20.50
		12	0	19.18	18.90	18.90	20.50
		12	6	19.20	18.88	18.92	20.50
		12	13	19.16	18.82	19.06	20.50
		25	0	19.13	18.80	18.91	20.50
	256QAM	1	0	17.32	17.11	17.24	19.00
		1	13	17.55	17.48	17.26	19.00
		1	24	17.59	17.30	17.55	19.00
		12	0	17.55	17.37	17.38	19.00
		12	6	17.49	17.47	17.48	19.00
		12	13	17.60	17.28	17.58	19.00
		25	0	17.56	17.34	17.45	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.85	18.78	18.79	20.50
		1	25	19.31	18.87	19.05	20.50
		1	49	18.98	18.94	18.94	20.50
		25	0	19.21	18.98	19.06	20.50
		25	13	19.28	18.99	19.03	20.50
		25	25	19.22	19.05	19.19	20.50
		50	0	19.10	18.94	19.08	20.50
	16QAM	1	0	19.23	18.93	18.59	20.50
		1	25	19.36	18.81	19.04	20.50
		1	49	19.02	18.93	19.09	20.50
		25	0	19.17	19.04	19.00	20.50
		25	13	19.22	18.95	19.06	20.50
		25	25	19.08	18.97	19.09	20.50
		50	0	19.16	18.99	19.11	20.50
	64QAM	1	0	19.20	18.65	18.80	20.50
		1	25	19.21	18.93	18.52	20.50
		1	49	19.03	18.85	19.15	20.50
		25	0	19.15	18.92	18.96	20.50
		25	13	19.18	18.87	18.89	20.50
		25	25	19.18	18.89	19.11	20.50
		50	0	19.11	18.75	18.87	20.50
	256QAM	1	0	17.37	17.16	17.28	19.00
		1	25	17.51	17.40	17.30	19.00



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		1	49	17.55	17.37	17.60	19.00
		25	0	17.63	17.42	17.43	19.00
		25	13	17.47	17.46	17.47	19.00
		25	25	17.55	17.36	17.52	19.00
		50	0	17.59	17.34	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.84	18.74	18.77	20.50
		1	38	19.30	18.89	19.07	20.50
		1	74	18.99	18.99	18.98	20.50
		36	0	19.19	18.99	19.06	20.50
		36	18	19.29	19.03	19.02	20.50
		36	39	19.27	18.99	19.20	20.50
		75	0	19.09	19.01	19.01	20.50
	16QAM	1	0	19.24	18.91	18.61	20.50
		1	38	19.36	18.83	19.11	20.50
		1	74	19.01	18.93	19.13	20.50
		36	0	19.16	19.02	18.96	20.50
		36	18	19.21	18.91	19.06	20.50
		36	39	19.07	18.95	19.15	20.50
		75	0	19.21	19.01	19.05	20.50
	64QAM	1	0	19.21	18.63	18.78	20.50
		1	38	19.25	18.85	18.57	20.50
		1	74	19.09	18.82	19.16	20.50
		36	0	19.11	18.86	18.95	20.50
		36	18	19.18	18.90	18.95	20.50
		36	39	19.13	18.81	19.11	20.50
		75	0	19.11	18.75	18.88	20.50
	256QAM	1	0	17.35	17.09	17.23	19.00
		1	38	17.52	17.42	17.33	19.00
		1	74	17.60	17.31	17.58	19.00
		36	0	17.59	17.39	17.42	19.00
		36	18	17.51	17.47	17.44	19.00
		36	39	17.52	17.30	17.54	19.00
		75	0	17.57	17.32	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.86	18.82	18.83	20.50
		1	50	19.35	18.96	19.13	20.50



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		1	99	19.01	19.00	19.03	20.50
		50	0	19.27	19.05	19.08	20.50
		50	25	19.35	19.07	19.08	20.50
		50	50	19.29	19.08	19.21	20.50
		100	0	19.12	19.02	19.09	20.50
	16QAM	1	0	19.27	19.00	18.66	20.50
		1	50	19.38	18.87	19.13	20.50
		1	99	19.08	19.01	19.16	20.50
		50	0	19.24	19.11	19.01	20.50
		50	25	19.30	19.00	19.10	20.50
		50	50	19.15	19.04	19.16	20.50
		100	0	19.24	19.05	19.13	20.50
	64QAM	1	0	19.22	18.72	18.83	20.50
		1	50	19.26	18.94	18.61	20.50
		1	99	19.10	18.90	19.17	20.50
		50	0	19.20	18.95	18.97	20.50
		50	25	19.21	18.94	18.96	20.50
		50	50	19.20	18.90	19.12	20.50
		100	0	19.18	18.82	18.93	20.50
	256QAM	1	0	17.39	17.18	17.32	19.00
		1	50	17.59	17.49	17.35	19.00
		1	99	17.64	17.38	17.63	19.00
		50	0	17.64	17.46	17.46	19.00
		50	25	17.53	17.49	17.53	19.00
		50	50	17.61	17.37	17.59	19.00
		100	0	17.63	17.40	17.48	19.00



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LTE Band 2 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.68	17.45	17.25	19.00
		1	2	17.57	17.11	17.51	19.00
		1	5	17.51	17.30	17.46	19.00
		3	0	17.63	17.22	17.44	19.00
		3	2	17.57	17.48	17.47	19.00
		3	3	17.56	17.37	17.68	19.00
		6	0	17.60	17.44	17.43	19.00
	16QAM	1	0	17.77	17.24	17.35	19.00
		1	2	17.76	17.36	17.38	19.00
		1	5	17.76	17.47	17.15	19.00
		3	0	17.77	17.50	17.46	19.00
		3	2	17.39	17.42	17.46	19.00
		3	3	17.64	17.40	17.62	19.00
		6	0	17.64	17.47	17.56	19.00
	64QAM	1	0	17.69	17.09	17.58	19.00
		1	2	17.49	17.39	17.75	19.00
		1	5	17.49	17.50	17.67	19.00
		3	0	17.71	17.40	17.44	19.00
		3	2	17.65	17.40	17.50	19.00
		3	3	17.46	17.41	17.72	19.00
		6	0	17.60	17.38	17.43	19.00
	256QAM	1	0	17.55	17.25	17.81	19.00
		1	2	17.52	17.49	17.43	19.00
		1	5	18.15	17.35	17.54	19.00
		3	0	17.60	17.19	17.36	19.00
		3	2	17.31	17.29	17.46	19.00
		3	3	17.33	17.38	17.51	19.00
		6	0	17.39	17.33	17.45	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	17.64	17.42	17.31	19.00
		1	7	17.53	17.05	17.49	19.00
		1	14	17.59	17.31	17.50	19.00
		8	0	17.62	17.25	17.39	19.00
		8	4	17.58	17.47	17.50	19.00



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		8	7	17.58	17.38	17.66	19.00
		15	0	17.61	17.45	17.44	19.00
	16QAM	1	0	17.71	17.24	17.30	19.00
		1	7	17.75	17.36	17.40	19.00
		1	14	17.73	17.42	17.18	19.00
		8	0	17.77	17.52	17.48	19.00
		8	4	17.34	17.40	17.54	19.00
		8	7	17.68	17.42	17.60	19.00
		15	0	17.59	17.39	17.51	19.00
		1	0	17.74	17.12	17.57	19.00
	64QAM	1	7	17.46	17.39	17.68	19.00
		1	14	17.46	17.46	17.69	19.00
		8	0	17.73	17.38	17.42	19.00
		8	4	17.67	17.39	17.58	19.00
		8	7	17.41	17.43	17.67	19.00
		15	0	17.62	17.40	17.45	19.00
		1	0	17.61	17.22	17.78	19.00
	256QAM	1	7	17.55	17.51	17.42	19.00
		1	14	18.17	17.31	17.49	19.00
		8	0	17.57	17.16	17.34	19.00
		8	4	17.31	17.35	17.42	19.00
		8	7	17.32	17.34	17.50	19.00
		15	0	17.33	17.37	17.51	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	17.69	17.49	17.26	19.00
		1	13	17.57	17.08	17.47	19.00
		1	24	17.57	17.30	17.54	19.00
		12	0	17.65	17.27	17.40	19.00
		12	6	17.61	17.47	17.49	19.00
		12	13	17.56	17.41	17.66	19.00
		25	0	17.61	17.43	17.42	19.00
	16QAM	1	0	17.71	17.20	17.31	19.00
		1	13	17.68	17.38	17.36	19.00
		1	24	17.72	17.48	17.14	19.00
		12	0	17.82	17.46	17.49	19.00
		12	6	17.36	17.45	17.53	19.00
		12	13	17.60	17.48	17.58	19.00
		25	0	17.61	17.40	17.52	19.00



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	64QAM	1	0	17.71	17.12	17.54	19.00
		1	13	17.50	17.40	17.68	19.00
		1	24	17.43	17.52	17.65	19.00
		12	0	17.71	17.41	17.42	19.00
		12	6	17.68	17.39	17.56	19.00
		12	13	17.41	17.42	17.65	19.00
		25	0	17.67	17.43	17.41	19.00
	256QAM	1	0	17.53	17.23	17.73	19.00
		1	13	17.50	17.50	17.42	19.00
		1	24	18.20	17.35	17.52	19.00
		12	0	17.63	17.15	17.37	19.00
		12	6	17.25	17.35	17.44	19.00
		12	13	17.34	17.35	17.51	19.00
		25	0	17.37	17.37	17.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	17.66	17.46	17.25	19.00
		1	25	17.59	17.04	17.46	19.00
		1	49	17.54	17.37	17.51	19.00
		25	0	17.64	17.29	17.43	19.00
		25	13	17.59	17.42	17.52	19.00
		25	25	17.57	17.43	17.68	19.00
		50	0	17.56	17.47	17.42	19.00
	16QAM	1	0	17.74	17.18	17.29	19.00
		1	25	17.73	17.31	17.41	19.00
		1	49	17.72	17.43	17.16	19.00
		25	0	17.82	17.45	17.46	19.00
		25	13	17.40	17.41	17.50	19.00
		25	25	17.62	17.43	17.63	19.00
		50	0	17.60	17.45	17.50	19.00
	64QAM	1	0	17.71	17.16	17.58	19.00
		1	25	17.46	17.35	17.71	19.00
		1	49	17.49	17.49	17.72	19.00
		25	0	17.77	17.35	17.50	19.00
		25	13	17.62	17.33	17.58	19.00
		25	25	17.43	17.44	17.68	19.00
		50	0	17.64	17.43	17.43	19.00
	256QAM	1	0	17.58	17.25	17.76	19.00
		1	25	17.54	17.52	17.36	19.00



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		1	49	18.19	17.34	17.52	19.00
		25	0	17.56	17.15	17.33	19.00
		25	13	17.26	17.34	17.45	19.00
		25	25	17.33	17.31	17.56	19.00
		50	0	17.41	17.36	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.68	17.42	17.28	19.00
		1	38	17.60	17.11	17.47	19.00
		1	74	17.55	17.35	17.52	19.00
		36	0	17.61	17.30	17.42	19.00
		36	18	17.65	17.45	17.48	19.00
		36	39	17.54	17.42	17.62	19.00
		75	0	17.54	17.44	17.49	19.00
	16QAM	1	0	17.78	17.26	17.33	19.00
		1	38	17.71	17.38	17.42	19.00
		1	74	17.77	17.48	17.16	19.00
		36	0	17.80	17.47	17.49	19.00
		36	18	17.37	17.44	17.50	19.00
		36	39	17.62	17.47	17.66	19.00
		75	0	17.61	17.39	17.52	19.00
	64QAM	1	0	17.66	17.16	17.58	19.00
		1	38	17.49	17.36	17.69	19.00
		1	74	17.44	17.46	17.72	19.00
		36	0	17.69	17.36	17.43	19.00
		36	18	17.65	17.39	17.51	19.00
		36	39	17.41	17.42	17.67	19.00
		75	0	17.59	17.38	17.41	19.00
	256QAM	1	0	17.55	17.25	17.75	19.00
		1	38	17.50	17.50	17.37	19.00
		1	74	18.16	17.30	17.54	19.00
		36	0	17.63	17.16	17.38	19.00
		36	18	17.26	17.31	17.45	19.00
		36	39	17.30	17.35	17.49	19.00
		75	0	17.39	17.35	17.49	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	17.71	17.51	17.33	19.00
		1	50	17.62	17.13	17.55	19.00



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		1	99	17.60	17.39	17.55	19.00
		50	0	17.70	17.31	17.48	19.00
		50	25	17.66	17.51	17.55	19.00
		50	50	17.62	17.45	17.70	19.00
		100	0	17.63	17.48	17.51	19.00
	16QAM	1	0	17.80	17.27	17.37	19.00
		1	50	17.77	17.39	17.44	19.00
		1	99	17.81	17.50	17.19	19.00
		50	0	17.84	17.54	17.52	19.00
		50	25	17.43	17.46	17.55	19.00
		50	50	17.69	17.49	17.67	19.00
		100	0	17.65	17.48	17.57	19.00
	64QAM	1	0	17.75	17.17	17.61	19.00
		1	50	17.51	17.42	17.76	19.00
		1	99	17.50	17.55	17.73	19.00
		50	0	17.78	17.44	17.51	19.00
		50	25	17.70	17.41	17.59	19.00
		50	50	17.49	17.47	17.73	19.00
		100	0	17.68	17.47	17.50	19.00
	256QAM	1	0	17.62	17.26	17.82	19.00
		1	50	17.56	17.54	17.44	19.00
		1	99	18.22	17.39	17.58	19.00
		50	0	17.64	17.24	17.42	19.00
		50	25	17.33	17.36	17.51	19.00
		50	50	17.36	17.39	17.57	19.00
		100	0	17.42	17.42	17.53	19.00



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LTE Band 4 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.86	22.91	22.87	24.50
		1	2	23.03	22.96	22.84	24.50
		1	5	23.23	23.04	23.05	24.50
		3	0	23.25	23.03	23.04	24.50
		3	2	23.23	23.03	23.02	24.50
		3	3	23.23	23.10	23.02	24.50
		6	0	22.14	22.14	22.01	23.50
	16QAM	1	0	22.26	22.27	22.04	23.50
		1	2	22.25	22.11	21.95	23.50
		1	5	22.11	21.69	22.02	23.50
		3	0	22.19	21.71	22.06	23.50
		3	2	22.19	21.65	22.01	23.50
		3	3	22.13	21.66	22.07	23.50
		6	0	21.08	21.12	21.13	22.50
	64QAM	1	0	22.08	20.86	20.95	22.50
		1	2	22.09	21.03	20.98	22.50
		1	5	22.20	21.20	20.97	22.50
		3	0	22.25	21.16	20.91	22.50
		3	2	22.19	21.20	20.94	22.50
		3	3	22.22	21.16	20.92	22.50
		6	0	21.05	20.05	19.96	21.50
	256QAM	1	0	17.80	17.94	17.76	19.50
		1	2	18.13	18.03	17.94	19.50
		1	5	18.11	18.19	18.23	19.50
		3	0	17.73	18.09	17.68	19.50
		3	2	18.02	18.16	18.02	19.50
		3	3	18.13	18.05	18.09	19.50
		6	0	18.08	18.00	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.72	22.89	22.73	24.50
		1	7	22.94	22.84	22.74	24.50
		1	14	23.09	22.98	22.91	24.50
		8	0	21.99	21.96	21.93	23.50
		8	4	22.02	22.03	21.94	23.50



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		8	7	21.92	21.89	22.00	23.50
		15	0	22.05	21.98	21.86	23.50
	16QAM	1	0	22.16	22.11	21.94	23.50
		1	7	22.19	21.97	21.82	23.50
		1	14	22.05	21.61	21.94	23.50
		8	0	20.88	21.02	20.95	22.50
		8	4	21.03	21.03	20.93	22.50
		8	7	20.98	20.97	20.98	22.50
		15	0	20.95	21.02	21.03	22.50
		1	0	21.99	20.76	20.84	22.50
	64QAM	1	7	21.99	20.97	20.91	22.50
		1	14	22.12	21.05	20.82	22.50
		8	0	21.02	19.97	19.98	21.50
		8	4	20.99	20.05	19.95	21.50
		8	7	20.95	20.01	19.94	21.50
		15	0	20.89	19.92	19.89	21.50
		1	0	17.76	17.85	17.64	19.50
	256QAM	1	7	18.03	17.92	17.78	19.50
		1	14	18.01	18.14	18.17	19.50
		8	0	17.62	17.96	17.56	19.50
		8	4	17.91	18.08	17.91	19.50
		8	7	18.01	17.92	18.06	19.50
		15	0	17.97	17.97	18.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.73	22.85	22.76	24.50
		1	13	22.92	22.79	22.77	24.50
		1	24	23.10	22.97	22.89	24.50
		12	0	22.00	21.97	22.01	23.50
		12	6	22.03	22.04	22.01	23.50
		12	13	21.99	21.92	22.05	23.50
		25	0	22.05	22.01	21.86	23.50
	16QAM	1	0	22.10	22.11	21.99	23.50
		1	13	22.12	22.02	21.85	23.50
		1	24	22.07	21.54	21.98	23.50
		12	0	20.81	20.98	20.93	22.50
		12	6	20.98	21.05	20.98	22.50
		12	13	21.99	20.94	20.99	22.50
		25	0	20.97	20.99	20.96	22.50



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		1	0	22.02	20.82	20.80	22.50
		1	13	22.03	20.89	20.86	22.50
		1	24	22.13	21.11	20.86	22.50
	64QAM	12	0	21.03	20.03	19.95	21.50
		12	6	20.95	20.13	19.91	21.50
		12	13	20.94	19.96	20.00	21.50
		25	0	20.96	19.99	19.86	21.50
		1	0	17.76	17.79	17.63	19.50
		1	13	18.01	17.89	17.83	19.50
		1	24	18.03	18.11	18.18	19.50
	256QAM	12	0	17.62	17.99	17.57	19.50
		12	6	17.87	18.02	17.92	19.50
		12	13	17.97	17.94	18.05	19.50
		25	0	17.99	17.98	17.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.80	22.97	22.82	24.50
		1	25	23.08	22.92	22.90	24.50
		1	49	23.23	23.09	23.01	24.50
		25	0	22.10	22.04	22.08	23.50
		25	13	22.14	22.11	22.11	23.50
		25	25	22.06	22.00	22.11	23.50
		50	0	22.13	22.15	21.98	23.50
	16QAM	1	0	22.21	22.24	22.02	23.50
		1	25	22.23	22.07	21.96	23.50
		1	49	22.18	21.64	22.04	23.50
		25	0	20.94	21.13	21.03	22.50
		25	13	21.08	21.09	21.08	22.50
		25	25	21.09	21.10	21.10	22.50
		50	0	21.12	21.08	21.05	22.50
	64QAM	1	0	22.12	20.93	20.95	22.50
		1	25	22.08	21.02	21.01	22.50
		1	49	22.27	21.20	20.97	22.50
		25	0	21.06	20.11	20.06	21.50
		25	13	21.08	20.16	20.01	21.50
		25	25	21.02	20.05	20.12	21.50
		50	0	21.02	20.08	19.94	21.50
	256QAM	1	0	17.80	17.96	17.75	19.50
		1	25	18.16	18.06	17.87	19.50



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		1	49	18.13	18.27	18.23	19.50
		25	0	17.70	18.08	17.64	19.50
		25	13	18.03	18.12	18.02	19.50
		25	25	18.14	18.04	18.13	19.50
		50	0	18.05	18.01	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.87	22.94	22.89	24.50
		1	38	23.02	22.92	22.89	24.50
		1	74	23.20	23.11	23.06	24.50
		36	0	22.10	22.02	22.07	23.50
		36	18	22.09	22.14	22.04	23.50
		36	39	22.03	22.00	22.09	23.50
		75	0	22.12	22.15	21.95	23.50
	16QAM	1	0	22.20	22.21	22.08	23.50
		1	38	22.24	22.14	21.94	23.50
		1	74	22.16	21.64	22.04	23.50
		36	0	20.98	21.09	21.01	22.50
		36	18	21.08	21.14	21.07	22.50
		36	39	21.09	21.07	21.11	22.50
		75	0	21.08	21.05	21.07	22.50
	64QAM	1	0	22.13	20.94	20.91	22.50
		1	38	22.06	21.05	20.97	22.50
		1	74	22.25	21.18	20.97	22.50
		36	0	21.08	20.11	20.06	21.50
		36	18	21.12	20.21	20.02	21.50
		36	39	21.05	20.12	20.05	21.50
		75	0	21.02	20.01	19.97	21.50
	256QAM	1	0	17.84	17.93	17.72	19.50
		1	38	18.09	18.04	17.88	19.50
		1	74	18.12	18.20	18.23	19.50
		36	0	17.71	18.10	17.64	19.50
		36	18	17.96	18.10	18.01	19.50
		36	39	18.08	18.10	18.09	19.50
		75	0	18.01	18.00	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.78	22.90	22.81	24.50
		1	50	22.99	22.87	22.83	24.50



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		1	99	23.16	23.02	22.98	24.50
		50	0	22.06	22.01	22.02	23.50
		50	25	22.05	22.07	22.02	23.50
		50	50	22.00	21.94	22.06	23.50
		100	0	22.08	22.07	21.94	23.50
	16QAM	1	0	22.19	22.20	22.00	23.50
		1	50	22.21	22.06	21.87	23.50
		1	99	22.10	21.63	21.99	23.50
		50	0	20.89	21.04	20.96	22.50
		50	25	21.04	21.07	21.01	22.50
		50	50	21.04	21.01	21.04	22.50
		100	0	21.04	21.03	21.04	22.50
	64QAM	1	0	22.07	20.85	20.87	22.50
		1	50	22.05	20.98	20.95	22.50
		1	99	22.18	21.12	20.88	22.50
		50	0	21.04	20.04	20.00	21.50
		50	25	21.03	20.14	19.97	21.50
		50	50	20.98	20.03	20.03	21.50
		100	0	20.97	20.00	19.93	21.50
	256QAM	1	0	17.77	17.88	17.67	19.50
		1	50	18.08	17.98	17.85	19.50
		1	99	18.09	18.18	18.19	19.50
		50	0	17.67	18.02	17.61	19.50
		50	25	17.94	18.09	17.96	19.50
		50	50	18.05	18.01	18.07	19.50
		100	0	18.00	17.99	18.05	19.50



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LTE Band 4 DSII2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	14.94	14.98	15.01	16.50
		1	2	15.05	15.05	14.98	16.50
		1	5	15.19	15.04	14.99	16.50
		3	0	15.11	15.14	15.06	16.50
		3	2	15.19	15.13	15.08	16.50
		3	3	15.15	15.07	15.00	16.50
		6	0	15.15	15.08	15.12	16.50
	16QAM	1	0	15.13	14.95	15.17	16.50
		1	2	15.32	15.25	15.10	16.50
		1	5	15.15	15.14	15.12	16.50
		3	0	15.18	15.09	15.03	16.50
		3	2	15.10	15.16	15.10	16.50
		3	3	15.05	15.03	14.98	16.50
		6	0	15.06	15.12	15.13	16.50
	64QAM	1	0	15.30	14.91	15.09	16.50
		1	2	15.21	14.98	15.25	16.50
		1	5	15.15	15.15	15.29	16.50
		3	0	15.12	15.08	15.02	16.50
		3	2	15.10	15.14	15.11	16.50
		3	3	15.15	15.08	15.00	16.50
		6	0	15.00	15.05	15.11	16.50
	256QAM	1	0	15.18	15.07	15.12	16.50
		1	2	14.99	15.25	15.01	16.50
		1	5	15.12	15.03	15.82	16.50
		3	0	15.19	15.11	14.78	16.50
		3	2	15.17	15.12	15.09	16.50
		3	3	15.10	15.08	15.12	16.50
		6	0	15.10	15.13	15.03	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	14.84	14.90	14.89	16.50
		1	7	14.99	14.98	14.89	16.50
		1	14	15.08	14.97	14.94	16.50
		8	0	14.99	15.04	14.97	16.50
		8	4	15.09	15.04	14.97	16.50



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		8	7	15.05	15.01	14.96	16.50
		15	0	15.06	15.01	14.99	16.50
	16QAM	1	0	15.06	14.83	15.10	16.50
		1	7	15.22	15.17	14.97	16.50
		1	14	15.08	15.10	15.04	16.50
		8	0	15.06	15.02	14.96	16.50
		8	4	15.00	15.06	14.96	16.50
		8	7	14.99	14.97	14.89	16.50
		15	0	15.00	15.01	15.04	16.50
		1	0	15.22	14.74	15.00	16.50
	64QAM	1	7	15.19	14.92	15.18	16.50
		1	14	15.03	15.07	15.24	16.50
		8	0	14.97	14.98	14.95	16.50
		8	4	14.97	15.01	15.00	16.50
		8	7	15.05	15.00	14.85	16.50
		15	0	14.95	14.92	15.02	16.50
		1	0	15.03	14.96	15.01	16.50
	256QAM	1	7	14.88	15.09	14.93	16.50
		1	14	15.09	14.87	15.72	16.50
		8	0	15.14	15.01	14.65	16.50
		8	4	15.10	15.07	15.07	16.50
		8	7	15.06	14.98	14.99	16.50
		15	0	15.03	15.01	14.95	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	14.84	14.95	14.93	16.50
		1	13	14.94	14.93	14.90	16.50
		1	24	15.04	14.98	14.89	16.50
		12	0	14.99	15.01	14.96	16.50
		12	6	15.08	14.99	14.96	16.50
		12	13	15.00	15.03	14.88	16.50
		25	0	15.02	15.02	15.02	16.50
	16QAM	1	0	15.06	14.84	15.07	16.50
		1	13	15.15	15.14	14.98	16.50
		1	24	15.09	15.04	15.04	16.50
		12	0	15.03	15.00	14.93	16.50
		12	6	14.98	15.10	15.03	16.50
		12	13	14.99	14.98	14.86	16.50
		25	0	15.02	15.07	15.04	16.50



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		1	0	15.21	14.76	15.03	16.50
		1	13	15.12	14.88	15.14	16.50
		1	24	15.06	15.12	15.17	16.50
	64QAM	12	0	15.03	14.94	14.96	16.50
		12	6	15.02	15.04	15.02	16.50
		12	13	15.06	15.01	14.85	16.50
		25	0	14.90	14.98	15.02	16.50
		1	0	15.06	14.94	14.97	16.50
		1	13	14.84	15.10	14.86	16.50
		1	24	15.09	14.89	15.75	16.50
	256QAM	12	0	15.08	15.03	14.72	16.50
		12	6	15.13	15.01	15.00	16.50
		12	13	15.02	15.03	15.00	16.50
		25	0	15.02	15.00	15.01	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	14.84	14.96	14.92	16.50
		1	25	14.94	14.97	14.90	16.50
		1	49	15.06	14.97	14.97	16.50
		25	0	15.01	15.06	14.92	16.50
		25	13	15.12	15.03	14.92	16.50
		25	25	15.06	15.04	14.92	16.50
		50	0	15.06	15.01	14.94	16.50
	16QAM	1	0	15.06	14.84	15.07	16.50
		1	25	15.20	15.13	14.99	16.50
		1	49	15.10	15.07	14.98	16.50
		25	0	15.10	14.99	14.94	16.50
		25	13	14.99	15.08	14.99	16.50
		25	25	14.93	14.93	14.91	16.50
		50	0	14.99	15.03	15.05	16.50
	64QAM	1	0	15.18	14.81	15.04	16.50
		1	25	15.17	14.86	15.11	16.50
		1	49	15.04	15.09	15.19	16.50
		25	0	15.04	14.93	14.94	16.50
		25	13	15.02	14.97	14.98	16.50
		25	25	15.08	14.99	14.87	16.50
		50	0	14.95	14.97	14.96	16.50
	256QAM	1	0	15.06	15.01	15.02	16.50
		1	25	14.85	15.11	14.92	16.50



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		1	49	15.08	14.86	15.73	16.50
		25	0	15.09	15.08	14.69	16.50
		25	13	15.13	15.00	15.03	16.50
		25	25	15.06	15.03	14.99	16.50
		50	0	15.00	14.98	14.97	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	14.97	15.02	15.01	16.50
		1	38	15.06	15.06	14.93	16.50
		1	74	15.19	15.03	15.07	16.50
		36	0	15.12	15.13	15.05	16.50
		36	18	15.23	15.11	15.05	16.50
		36	39	15.16	15.12	15.02	16.50
		75	0	15.12	15.08	15.07	16.50
	16QAM	1	0	15.19	15.00	15.20	16.50
		1	38	15.25	15.27	15.03	16.50
		1	74	15.16	15.17	15.15	16.50
		36	0	15.19	15.08	15.09	16.50
		36	18	15.10	15.16	15.12	16.50
		36	39	15.03	15.08	14.99	16.50
		75	0	15.08	15.14	15.09	16.50
	64QAM	1	0	15.27	14.86	15.15	16.50
		1	38	15.28	15.01	15.21	16.50
		1	74	15.12	15.15	15.27	16.50
		36	0	15.15	15.08	15.00	16.50
		36	18	15.08	15.14	15.08	16.50
		36	39	15.22	15.05	14.96	16.50
		75	0	15.04	15.07	15.13	16.50
	256QAM	1	0	15.14	15.05	15.06	16.50
		1	38	14.99	15.21	14.99	16.50
		1	74	15.13	14.96	15.82	16.50
		36	0	15.23	15.12	14.75	16.50
		36	18	15.19	15.13	15.09	16.50
		36	39	15.15	15.13	15.07	16.50
		75	0	15.09	15.11	15.11	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	14.88	14.97	14.96	16.50
		1	50	15.03	14.99	14.91	16.50



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		1	99	15.13	15.01	14.98	16.50
		50	0	15.04	15.09	15.00	16.50
		50	25	15.14	15.05	15.01	16.50
		50	50	15.08	15.06	14.97	16.50
		100	0	15.11	15.03	15.03	16.50
	16QAM	1	0	15.11	14.92	15.11	16.50
		1	50	15.24	15.21	15.01	16.50
		1	99	15.14	15.11	15.07	16.50
		50	0	15.11	15.07	15.00	16.50
		50	25	15.05	15.11	15.05	16.50
		50	50	15.02	15.01	14.95	16.50
		100	0	15.05	15.08	15.06	16.50
	64QAM	1	0	15.24	14.83	15.08	16.50
		1	50	15.20	14.95	15.20	16.50
		1	99	15.08	15.14	15.26	16.50
		50	0	15.06	15.02	14.97	16.50
		50	25	15.06	15.06	15.05	16.50
		50	50	15.13	15.03	14.93	16.50
		100	0	14.99	15.00	15.05	16.50
	256QAM	1	0	15.12	15.02	15.03	16.50
		1	50	14.91	15.16	14.95	16.50
		1	99	15.11	14.95	15.79	16.50
		50	0	15.15	15.10	14.73	16.50
		50	25	15.16	15.09	15.08	16.50
		50	50	15.09	15.07	15.03	16.50
		100	0	15.07	15.06	15.02	16.50



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LTE Band 4 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	14.45	14.41	14.31	15.50
		1	2	14.43	14.49	14.31	15.50
		1	5	14.50	14.53	14.42	15.50
		3	0	14.49	14.43	14.41	15.50
		3	2	14.61	14.56	14.44	15.50
		3	3	14.40	14.44	14.36	15.50
		6	0	14.56	14.47	14.43	15.50
	16QAM	1	0	14.40	14.49	14.48	15.50
		1	2	14.49	14.50	14.47	15.50
		1	5	14.49	14.52	14.47	15.50
		3	0	14.48	14.58	14.18	15.50
		3	2	14.57	14.59	14.43	15.50
		3	3	14.49	14.44	14.46	15.50
		6	0	14.47	14.57	14.45	15.50
	64QAM	1	0	14.46	14.49	14.45	15.50
		1	2	14.59	14.44	14.50	15.50
		1	5	14.77	14.67	14.63	15.50
		3	0	14.37	14.46	14.28	15.50
		3	2	14.49	14.35	14.48	15.50
		3	3	14.50	14.42	14.45	15.50
		6	0	14.36	14.53	14.47	15.50
	256QAM	1	0	14.30	14.60	14.53	15.50
		1	2	14.43	14.69	14.35	15.50
		1	5	14.66	14.43	15.13	15.50
		3	0	14.37	14.45	14.25	15.50
		3	2	14.60	14.49	14.53	15.50
		3	3	14.53	14.50	14.33	15.50
		6	0	14.54	14.56	14.34	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	14.49	14.39	14.33	15.50
		1	7	14.42	14.43	14.35	15.50
		1	14	14.54	14.53	14.44	15.50
		8	0	14.51	14.35	14.47	15.50
		8	4	14.61	14.48	14.44	15.50



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		8	7	14.42	14.40	14.36	15.50
		15	0	14.58	14.52	14.45	15.50
	16QAM	1	0	14.45	14.43	14.45	15.50
		1	7	14.46	14.48	14.43	15.50
		1	14	14.49	14.57	14.49	15.50
		8	0	14.51	14.58	14.15	15.50
		8	4	14.56	14.54	14.48	15.50
		8	7	14.48	14.50	14.46	15.50
		15	0	14.46	14.51	14.46	15.50
	64QAM	1	0	14.43	14.53	14.42	15.50
		1	7	14.61	14.50	14.44	15.50
		1	14	14.80	14.68	14.67	15.50
		8	0	14.36	14.46	14.27	15.50
		8	4	14.48	14.35	14.46	15.50
		8	7	14.48	14.48	14.46	15.50
		15	0	14.39	14.56	14.52	15.50
	256QAM	1	0	14.24	14.67	14.48	15.50
		1	7	14.42	14.73	14.34	15.50
		1	14	14.68	14.39	15.16	15.50
		8	0	14.32	14.48	14.25	15.50
		8	4	14.60	14.49	14.53	15.50
		8	7	14.53	14.52	14.38	15.50
		15	0	14.51	14.59	14.32	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	14.46	14.41	14.38	15.50
		1	13	14.41	14.46	14.31	15.50
		1	24	14.55	14.57	14.40	15.50
		12	0	14.56	14.36	14.41	15.50
		12	6	14.55	14.53	14.45	15.50
		12	13	14.41	14.48	14.41	15.50
		25	0	14.55	14.50	14.45	15.50
	16QAM	1	0	14.39	14.45	14.46	15.50
		1	13	14.49	14.48	14.44	15.50
		1	24	14.55	14.57	14.49	15.50
		12	0	14.54	14.53	14.16	15.50
		12	6	14.55	14.59	14.49	15.50
		12	13	14.47	14.45	14.46	15.50
		25	0	14.50	14.54	14.40	15.50



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	64QAM	1	0	14.41	14.53	14.37	15.50
		1	13	14.64	14.45	14.44	15.50
		1	24	14.74	14.63	14.69	15.50
		12	0	14.42	14.51	14.27	15.50
		12	6	14.48	14.40	14.45	15.50
		12	13	14.55	14.45	14.47	15.50
		25	0	14.36	14.56	14.47	15.50
	256QAM	1	0	14.28	14.65	14.49	15.50
		1	13	14.41	14.76	14.33	15.50
		1	24	14.64	14.38	15.10	15.50
		12	0	14.37	14.46	14.23	15.50
		12	6	14.64	14.49	14.53	15.50
		12	13	14.54	14.52	14.31	15.50
		25	0	14.58	14.57	14.32	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	14.53	14.36	14.34	15.50
		1	25	14.40	14.49	14.36	15.50
		1	49	14.52	14.56	14.43	15.50
		25	0	14.55	14.40	14.42	15.50
		25	13	14.61	14.51	14.46	15.50
		25	25	14.40	14.44	14.38	15.50
		50	0	14.54	14.45	14.41	15.50
	16QAM	1	0	14.40	14.51	14.48	15.50
		1	25	14.51	14.47	14.40	15.50
		1	49	14.52	14.52	14.43	15.50
		25	0	14.50	14.58	14.15	15.50
		25	13	14.61	14.62	14.47	15.50
		25	25	14.49	14.52	14.42	15.50
		50	0	14.49	14.52	14.45	15.50
	64QAM	1	0	14.43	14.53	14.42	15.50
		1	25	14.65	14.47	14.46	15.50
		1	49	14.77	14.66	14.68	15.50
		25	0	14.40	14.48	14.30	15.50
		25	13	14.50	14.42	14.48	15.50
		25	25	14.52	14.46	14.44	15.50
		50	0	14.41	14.57	14.47	15.50
	256QAM	1	0	14.29	14.67	14.53	15.50
		1	25	14.44	14.75	14.36	15.50



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		1	49	14.71	14.37	15.14	15.50
		25	0	14.30	14.46	14.23	15.50
		25	13	14.60	14.53	14.48	15.50
		25	25	14.53	14.48	14.32	15.50
		50	0	14.51	14.59	14.29	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	14.59	14.45	14.43	15.50
		1	38	14.51	14.55	14.44	15.50
		1	74	14.64	14.65	14.56	15.50
		36	0	14.61	14.53	14.51	15.50
		36	18	14.66	14.66	14.50	15.50
		36	39	14.54	14.57	14.49	15.50
		75	0	14.62	14.60	14.56	15.50
	16QAM	1	0	14.54	14.61	14.62	15.50
		1	38	14.61	14.62	14.57	15.50
		1	74	14.63	14.63	14.57	15.50
		36	0	14.61	14.68	14.28	15.50
		36	18	14.65	14.69	14.56	15.50
		36	39	14.54	14.54	14.50	15.50
		75	0	14.61	14.59	14.53	15.50
	64QAM	1	0	14.54	14.66	14.47	15.50
		1	38	14.75	14.60	14.56	15.50
		1	74	14.83	14.72	14.77	15.50
		36	0	14.50	14.60	14.39	15.50
		36	18	14.62	14.53	14.52	15.50
		36	39	14.63	14.56	14.54	15.50
		75	0	14.49	14.63	14.59	15.50
	256QAM	1	0	14.41	14.74	14.57	15.50
		1	38	14.49	14.79	14.44	15.50
		1	74	14.79	14.50	15.22	15.50
		36	0	14.39	14.60	14.36	15.50
		36	18	14.70	14.61	14.61	15.50
		36	39	14.63	14.62	14.40	15.50
		75	0	14.63	14.74	14.43	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	14.54	14.43	14.39	15.50
		1	50	14.48	14.50	14.40	15.50



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		1	99	14.58	14.58	14.47	15.50
		50	0	14.58	14.44	14.49	15.50
		50	25	14.62	14.57	14.47	15.50
		50	50	14.49	14.49	14.44	15.50
		100	0	14.61	14.54	14.47	15.50
	16QAM	1	0	14.46	14.52	14.54	15.50
		1	50	14.53	14.54	14.48	15.50
		1	99	14.57	14.61	14.52	15.50
		50	0	14.56	14.59	14.19	15.50
		50	25	14.63	14.63	14.52	15.50
		50	50	14.52	14.53	14.47	15.50
		100	0	14.53	14.58	14.49	15.50
	64QAM	1	0	14.49	14.58	14.46	15.50
		1	50	14.68	14.53	14.51	15.50
		1	99	14.81	14.70	14.71	15.50
		50	0	14.43	14.52	14.34	15.50
		50	25	14.55	14.44	14.49	15.50
		50	50	14.56	14.50	14.49	15.50
		100	0	14.45	14.59	14.53	15.50
	256QAM	1	0	14.33	14.68	14.55	15.50
		1	50	14.46	14.78	14.38	15.50
		1	99	14.73	14.46	15.18	15.50
		50	0	14.38	14.54	14.32	15.50
		50	25	14.69	14.58	14.56	15.50
		50	50	14.59	14.53	14.39	15.50
		100	0	14.59	14.65	14.37	15.50



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LTE Band 4 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.86	20.68	20.68	22.50
		1	2	20.88	20.87	20.74	22.50
		1	5	20.95	20.84	20.86	22.50
		3	0	20.93	20.90	20.52	22.50
		3	2	20.82	20.85	20.94	22.50
		3	3	20.84	20.84	20.81	22.50
		6	0	20.95	20.82	20.82	22.50
	16QAM	1	0	20.84	20.61	20.95	22.50
		1	2	21.01	20.91	20.80	22.50
		1	5	21.26	20.98	20.89	22.50
		3	0	20.80	20.87	20.82	22.50
		3	2	20.88	20.97	20.91	22.50
		3	3	20.87	20.91	20.87	22.50
		6	0	20.88	20.89	20.87	22.50
	64QAM	1	0	20.75	20.97	20.91	22.50
		1	2	20.86	21.00	20.70	22.50
		1	5	21.07	20.97	20.73	22.50
		3	0	21.13	20.94	20.69	22.50
		3	2	21.12	21.00	20.70	22.50
		3	3	21.13	20.94	20.72	22.50
		6	0	19.86	19.92	19.96	21.50
	256QAM	1	0	17.88	17.74	17.78	19.50
		1	2	17.86	17.55	17.77	19.50
		1	5	17.88	17.72	18.84	19.50
		3	0	17.85	17.90	17.50	19.50
		3	2	17.93	17.97	17.93	19.50
		3	3	17.86	17.90	17.93	19.50
		6	0	17.88	17.92	17.90	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.83	20.71	20.69	22.50
		1	7	20.91	20.83	20.71	22.50
		1	14	20.90	20.87	20.86	22.50
		8	0	20.91	20.88	20.50	22.50
		8	4	20.82	20.90	20.95	22.50



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		8	7	20.81	20.86	20.89	22.50
		15	0	20.93	20.82	20.85	22.50
	16QAM	1	0	20.82	20.64	20.97	22.50
		1	7	21.04	20.93	20.81	22.50
		1	14	21.27	20.94	20.88	22.50
		8	0	20.87	20.85	20.79	22.50
		8	4	20.86	20.92	20.97	22.50
		8	7	20.87	20.90	20.89	22.50
		15	0	20.89	20.90	20.87	22.50
	64QAM	1	0	20.77	21.02	20.91	22.50
		1	7	20.87	20.98	20.67	22.50
		1	14	21.06	21.02	20.68	22.50
		8	0	19.93	19.97	19.82	21.50
		8	4	19.96	19.99	19.82	21.50
		8	7	19.96	19.81	19.92	21.50
		15	0	19.87	19.93	19.98	21.50
	256QAM	1	0	17.87	17.78	17.79	19.50
		1	7	17.90	17.56	17.79	19.50
		1	14	17.94	17.72	18.86	19.50
		8	0	17.82	17.92	17.51	19.50
		8	4	17.85	17.96	17.85	19.50
		8	7	17.87	17.92	17.88	19.50
		15	0	17.93	17.88	17.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.87	20.70	20.70	22.50
		1	13	20.89	20.86	20.72	22.50
		1	24	20.90	20.91	20.85	22.50
		12	0	20.86	20.85	20.65	22.50
		12	6	20.77	20.84	20.89	22.50
		12	13	20.87	20.88	20.87	22.50
		25	0	20.98	20.84	20.85	22.50
	16QAM	1	0	20.80	20.69	20.96	22.50
		1	13	21.04	20.89	20.76	22.50
		1	24	21.26	20.93	20.85	22.50
		12	0	20.87	20.91	20.86	22.50
		12	6	20.88	20.94	20.97	22.50
		12	13	20.91	20.87	20.91	22.50
		25	0	20.94	20.97	20.87	22.50



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	64QAM	1	0	20.82	21.02	20.94	22.50
		1	13	20.88	20.95	20.74	22.50
		1	24	21.12	21.01	20.73	22.50
		12	0	19.93	19.93	19.81	21.50
		12	6	19.91	19.92	19.79	21.50
		12	13	19.91	19.83	19.92	21.50
		25	0	19.84	19.92	19.97	21.50
	256QAM	1	0	17.90	17.71	17.74	19.50
		1	13	17.90	17.54	17.72	19.50
		1	24	17.94	17.73	18.84	19.50
		12	0	17.87	17.96	17.52	19.50
		12	6	17.90	17.98	17.91	19.50
		12	13	17.88	17.94	17.89	19.50
		25	0	17.87	17.86	17.88	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.85	20.66	20.70	22.50
		1	25	20.91	20.87	20.73	22.50
		1	49	20.93	20.89	20.91	22.50
		25	0	20.88	20.89	20.62	22.50
		25	13	20.78	20.84	20.92	22.50
		25	25	20.87	20.87	20.83	22.50
		50	0	20.96	20.83	20.83	22.50
	16QAM	1	0	20.80	20.68	20.92	22.50
		1	25	20.98	20.91	20.83	22.50
		1	49	21.25	20.91	20.90	22.50
		25	0	20.86	20.89	20.80	22.50
		25	13	20.89	20.96	20.92	22.50
		25	25	20.87	20.93	20.85	22.50
		50	0	20.93	20.96	20.81	22.50
	64QAM	1	0	20.82	21.00	20.93	22.50
		1	25	20.90	20.96	20.73	22.50
		1	49	21.06	20.96	20.73	22.50
		25	0	19.90	19.89	19.82	21.50
		25	13	19.95	19.93	19.77	21.50
		25	25	19.94	19.84	19.91	21.50
		50	0	19.88	19.93	19.94	21.50
	256QAM	1	0	17.84	17.76	17.74	19.50
		1	25	17.82	17.54	17.76	19.50



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		1	49	17.93	17.78	18.83	19.50
		25	0	17.81	17.96	17.51	19.50
		25	13	17.85	17.91	17.87	19.50
		25	25	17.83	17.92	17.94	19.50
		50	0	17.88	17.87	17.87	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.92	20.79	20.82	22.50
		1	38	21.05	20.97	20.83	22.50
		1	74	21.02	21.01	21.01	22.50
		36	0	20.97	20.95	20.64	22.50
		36	18	20.88	21.00	21.05	22.50
		36	39	20.95	20.91	20.93	22.50
		75	0	21.03	20.94	20.96	22.50
	16QAM	1	0	20.98	20.71	21.09	22.50
		1	38	21.08	21.01	20.92	22.50
		1	74	21.39	21.06	20.94	22.50
		36	0	20.93	20.99	20.93	22.50
		36	18	20.97	21.05	21.05	22.50
		36	39	21.05	21.02	20.97	22.50
		75	0	21.01	21.07	20.97	22.50
	64QAM	1	0	20.93	21.11	21.04	22.50
		1	38	21.02	21.07	20.78	22.50
		1	74	21.18	21.07	20.82	22.50
		36	0	20.03	20.03	19.94	21.50
		36	18	20.06	20.04	19.94	21.50
		36	39	19.99	19.92	20.01	21.50
		75	0	19.99	19.97	20.03	21.50
	256QAM	1	0	18.00	17.86	17.85	19.50
		1	38	17.92	17.67	17.85	19.50
		1	74	18.03	17.80	18.97	19.50
		36	0	17.98	18.07	17.65	19.50
		36	18	18.03	18.02	17.99	19.50
		36	39	17.98	18.04	18.02	19.50
		75	0	18.02	17.96	18.01	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.91	20.75	20.74	22.50
		1	50	20.96	20.90	20.80	22.50



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		1	99	20.98	20.92	20.94	22.50
		50	0	20.95	20.91	20.56	22.50
		50	25	20.84	20.92	20.96	22.50
		50	50	20.90	20.90	20.90	22.50
		100	0	20.99	20.91	20.88	22.50
	16QAM	1	0	20.89	20.70	21.00	22.50
		1	50	21.07	20.96	20.84	22.50
		1	99	21.30	20.99	20.91	22.50
		50	0	20.89	20.93	20.87	22.50
		50	25	20.94	21.01	21.00	22.50
		50	50	20.96	20.94	20.92	22.50
		100	0	20.96	20.98	20.90	22.50
	64QAM	1	0	20.84	21.04	20.99	22.50
		1	50	20.95	21.03	20.75	22.50
		1	99	21.15	21.03	20.77	22.50
		50	0	19.94	19.98	19.88	21.50
		50	25	19.99	20.01	19.86	21.50
		50	50	19.98	19.90	19.97	21.50
		100	0	19.90	19.96	19.99	21.50
	256QAM	1	0	17.93	17.80	17.80	19.50
		1	50	17.91	17.62	17.80	19.50
		1	99	17.95	17.79	18.88	19.50
		50	0	17.89	17.98	17.59	19.50
		50	25	17.94	18.00	17.94	19.50
		50	50	17.92	17.98	17.95	19.50
		100	0	17.95	17.95	17.96	19.50



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LTE Band 4 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.86	19.85	19.84	21.00
		1	2	19.85	19.91	19.74	21.00
		1	5	20.00	20.05	19.87	21.00
		3	0	19.90	19.81	19.88	21.00
		3	2	19.91	19.96	19.89	21.00
		3	3	19.93	19.90	19.88	21.00
		6	0	19.96	19.95	19.76	21.00
	16QAM	1	0	20.09	19.83	19.69	21.00
		1	2	19.90	19.96	19.91	21.00
		1	5	20.07	19.96	19.91	21.00
		3	0	19.95	19.85	19.80	21.00
		3	2	19.88	19.93	19.82	21.00
		3	3	19.88	19.88	19.88	21.00
		6	0	19.81	19.87	19.92	21.00
	64QAM	1	0	19.56	19.96	19.76	21.00
		1	2	20.00	19.96	20.09	21.00
		1	5	19.78	20.04	19.54	21.00
		3	0	19.90	19.94	19.92	21.00
		3	2	19.86	19.98	19.94	21.00
		3	3	19.84	19.90	19.96	21.00
		6	0	19.92	19.98	19.94	21.00
	256QAM	1	0	17.93	17.80	17.91	19.50
		1	2	17.78	18.06	17.86	19.50
		1	5	18.44	18.01	17.84	19.50
		3	0	17.69	17.86	17.78	19.50
		3	2	17.93	17.98	17.86	19.50
		3	3	17.90	17.96	17.93	19.50
		6	0	17.91	17.90	17.96	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.81	19.83	19.84	21.00
		1	7	19.90	19.90	19.77	21.00
		1	14	20.05	20.05	19.80	21.00
		8	0	19.88	19.86	19.88	21.00
		8	4	19.85	19.96	19.90	21.00



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		8	7	19.92	19.93	19.90	21.00
		15	0	19.94	19.99	19.81	21.00
	16QAM	1	0	20.06	19.81	19.77	21.00
		1	7	19.93	19.95	19.96	21.00
		1	14	20.10	19.93	19.91	21.00
		8	0	19.93	19.83	19.79	21.00
		8	4	19.92	19.91	19.81	21.00
		8	7	19.89	19.86	19.81	21.00
		15	0	19.84	19.82	19.87	21.00
		1	0	19.54	19.95	19.82	21.00
	64QAM	1	7	20.00	19.98	20.11	21.00
		1	14	19.80	20.02	19.56	21.00
		8	0	19.83	19.92	19.91	21.00
		8	4	19.86	20.00	19.90	21.00
		8	7	19.88	19.87	19.88	21.00
		15	0	19.95	19.95	19.92	21.00
		1	0	17.95	17.78	17.89	19.50
	256QAM	1	7	17.76	18.08	17.78	19.50
		1	14	18.45	17.98	17.84	19.50
		8	0	17.74	17.84	17.81	19.50
		8	4	17.90	17.95	17.87	19.50
		8	7	17.86	17.94	17.92	19.50
		15	0	17.91	17.97	17.95	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.87	19.85	19.86	21.00
		1	13	19.87	19.89	19.78	21.00
		1	24	20.00	20.06	19.83	21.00
		12	0	19.86	19.85	19.87	21.00
		12	6	19.83	19.95	19.88	21.00
		12	13	19.93	19.87	19.91	21.00
		25	0	19.93	20.02	19.74	21.00
	16QAM	1	0	20.04	19.84	19.69	21.00
		1	13	19.90	19.98	19.97	21.00
		1	24	20.03	19.98	19.91	21.00
		12	0	19.93	19.86	19.83	21.00
		12	6	19.90	19.88	19.86	21.00
		12	13	19.94	19.87	19.81	21.00
		25	0	19.82	19.85	19.95	21.00



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	64QAM	1	0	19.51	19.95	19.81	21.00
		1	13	19.96	19.94	20.09	21.00
		1	24	19.75	20.07	19.48	21.00
		12	0	19.87	19.93	19.86	21.00
		12	6	19.91	20.00	19.91	21.00
		12	13	19.83	19.88	19.94	21.00
		25	0	19.93	20.01	19.92	21.00
	256QAM	1	0	17.95	17.78	17.89	19.50
		1	13	17.74	18.10	17.86	19.50
		1	24	18.45	18.03	17.83	19.50
		12	0	17.68	17.89	17.79	19.50
		12	6	17.93	17.94	17.90	19.50
		12	13	17.90	17.95	17.92	19.50
		25	0	17.94	17.90	17.96	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.81	19.86	19.80	21.00
		1	25	19.92	19.95	19.82	21.00
		1	49	20.07	20.05	19.82	21.00
		25	0	19.90	19.86	19.88	21.00
		25	13	19.83	19.91	19.84	21.00
		25	25	19.89	19.90	19.95	21.00
		50	0	19.88	20.01	19.79	21.00
	16QAM	1	0	20.11	19.81	19.72	21.00
		1	25	19.93	19.96	19.92	21.00
		1	49	20.11	20.00	19.92	21.00
		25	0	19.95	19.81	19.80	21.00
		25	13	19.94	19.91	19.79	21.00
		25	25	19.92	19.89	19.84	21.00
		50	0	19.80	19.83	19.91	21.00
	64QAM	1	0	19.55	19.94	19.81	21.00
		1	25	20.02	19.94	20.08	21.00
		1	49	19.73	20.05	19.54	21.00
		25	0	19.86	19.90	19.85	21.00
		25	13	19.87	20.02	19.95	21.00
		25	25	19.87	19.92	19.90	21.00
		50	0	19.90	19.94	19.91	21.00
	256QAM	1	0	17.92	17.83	17.91	19.50
		1	25	17.74	18.13	17.86	19.50



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